



Mount St. Mary's College  
CALIFORNIA      Bulletin 1960-1961

## *Accreditation and Membership*

# *Mount St. Mary's College*

*is*

Accredited by the

Western College Association  
California State Board of Education  
California State Board of Nurse Examiners  
National League for Nursing

Affiliated with the Catholic University of America

Empowered by the California State Board of Education to recommend candidates for California teaching credentials

Approved by the

Federal Government for the education of foreign students  
Veterans Administration for training for veterans

A Member of the

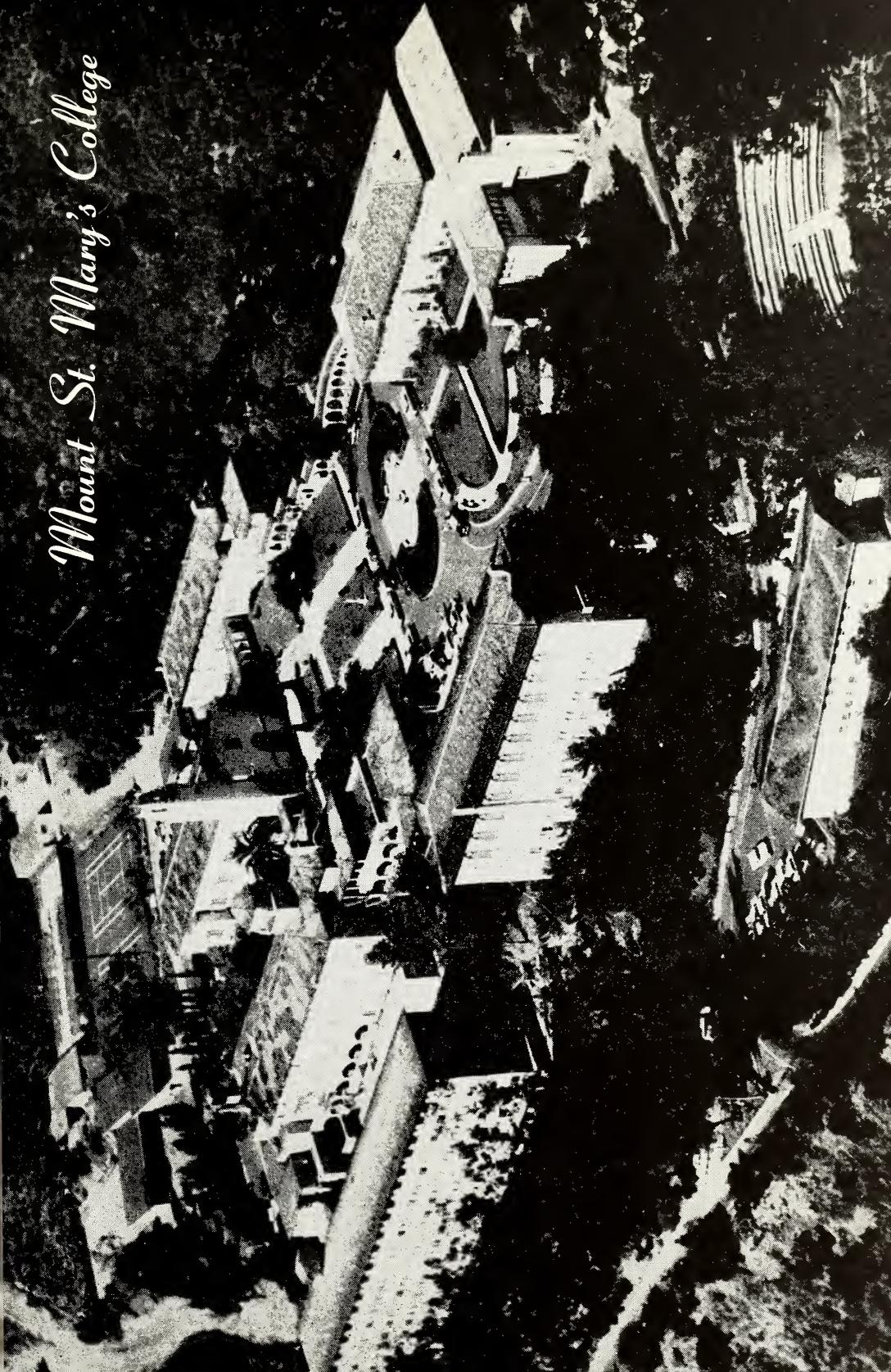
American Association of Colleges for Teacher Education  
American Association of University Women  
American Council on Education  
American Library Association  
Association of American Colleges  
Association of Independent California Colleges and Universities  
Catholic Library Association  
College Entrance Examination Board  
Council on Social Work Education  
Independent Colleges of California, Incorporated  
National Association of Schools of Music  
National Catholic Education Association  
National Commission on Accrediting

Directions: From Sunset Boulevard turn north on Bundy Drive (approximately one mile west of Sepulveda Boulevard or San Diego Freeway), and continue along Bundy to Chalon Road to the College.





*Mount St. Mary's College*





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BULLETIN

of

# Mount St. Mary's College

Conducted By

THE SISTERS OF ST. JOSEPH OF CARONDELET



1960-1961

MOUNT SAINT MARY'S COLLEGE  
12001 Chalon Road via North Bundy Drive  
Los Angeles 49, California

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## ACADEMIC CALENDAR 1960-61

### 1960 Fall Semester

September 6 - 9	Program Counseling.
September 10	Residence hall open to entering students.
September 11	Orientation for new students.
September 12	Registration for new students. Subject A examination for out-of-state students 12:30 to 3:30 p.m.
September 13	Registration for returning students. Testing of all new students, 9:00 to 12:00 a.m. Foreign Language examination, 1:00 p.m.
September 14	Classes begin,
September 27	Last day to add course to study program.
October 14	Last day to drop course without penalty of grade F.
October 15	Founders Day.
October 31 to November 5	Mid-term examinations.
November 1	All Saints Day. Holiday.
November 23	Thanksgiving Recess begins, 4:30 p.m.
November 28	Thanksgiving Recess ends, 8:10 a.m.
December 8	Feast of Immaculate Conception. Holiday.
December 21	Christmas recess begins, 4:30 p.m.
January 4	Classes resume, 8:10 a.m.
January 18 - 24	Final examinations.
January 25 to February 1	Inter-semester holiday.

### 1961 Spring Semester

February 1	Registration.
February 2	Classes begin.
Feb. 15, 16, 17	Annual Retreat.
February 22	Washington's Birthday. Holiday.
February 24	Last day to add course to study program.
March 10	Last day to drop course without penalty of grade F.
March 19	St. Joseph's Day. Holiday.
March 23 - 29	Mid-term examinations.
March 29	Easter recess begins, 4:30 p.m.
April 5	Classes resume, 8:10 a.m.
May 11	Ascension Thursday. Holiday.
May 25	Mary's Day.
May 26 to	Final examinations.
June 2	Baccalaureate.
June 3	Commencement.

### 1961 Summer Session

June 26	Registration.
June 27	Instruction begins.
August 4	Final examinations.

### 1961 Fall Semester

September 11      Registration for new students.

MOUNT SAINT MARY'S COLLEGE

**ADMINISTRATIVE ORGANIZATION**  
**ADVISORY BOARD**

HIS EMINENCE JAMES FRANCIS CARDINAL McINTYRE

THE RIGHT REVEREND PATRICK J. DIGNAN

THE REVEREND CHARLES S. CASASSA, S. J.

MRS. K. CARY CLEM

HENRY I. DOCKWEILER

DANIEL J. DONOHUE, Chairman

MRS. DANIEL J. DONOHUE

ERNEST E. DUQUE

JOHN FARROW

MRS. JOHN FARROW

LT. GEN. HAROLD L. GEORGE

MRS. HERBERT KALMUS

MRS. PHILIP LIEB

THE HONORABLE A. A. SCOTT

FRANK SEAVER

MARY STANTON

OLIN WELLBORN, III

SISTER JOSEPHINE, Provincial Superior

SISTER ROSE GERTRUDE, President

SISTER ALICE MARIE, Dean

SISTER MARY GERMAINE, Graduate Dean

SISTER FRANCIS MARY, Treasurer

SISTER MARY ADRIENNE, Registrar

**THE EXECUTIVE OFFICERS**

SISTER JOSEPHINE .....	Honorary President
SISTER ROSE GERTRUDE .....	President
SISTER REBECCA .....	Vice-President
SISTER ALICE MARIE .....	Dean
SISTER MARY ADRIENNE .....	Registrar
SISTER FRANCIS MARY .....	Treasurer

**OFFICERS OF INSTRUCTION**

SISTER AGNES BERNARD	Professor of History and Political Science
B.A., M.A., and Ph.D., Catholic University of America; graduate study, University of Cambridge, England; European travel	
SISTER ALBERT MARY, R.N.	Assistant Professor of Nursing
B.S., Mount St. Mary's College; M.S., University of California, Los Angeles	
SISTER ALICE MARIE	Associate Professor of Chemistry
B.A. Mount St. Mary's College; M.S. Catholic University of America; graduate study, University of Paris	
SISTER ALINE MARIE	Assistant Professor of Modern Languages
B.A., University of Southern California; M.A. University of California, Berkeley; European study and travel; Ph.D. (Cand.), University of California, Los Angeles	
*SISTER MARY BRIGID	Associate Professor of Sociology
B.A., Mount St. Mary's College; M.S.W., Catholic University of America; graduate study, University of Southern California	
ROBERT BUCKENMEYER	Instructor in Philosophy and Classical Languages
B.A., M.A., Gonzaga University, Spokane, Washington	
HALLIE F. BUNDY	Assistant Professor of Biochemistry
B.A., Mount St. Mary's College; M.A., Ph.D., University of Southern California	
SISTER CATHERINE ANITA	Librarian
B.A., Mount St. Mary's College; B.S. in L.S., College of St. Catherine; M.S. in L.S., University of Portland.	
SISTER CATHERINE THERESE	Assistant Professor of Economics
B.A., Mount St. Mary's College; M.A., Saint Louis University; Ph.D., University of California, Berkeley	
SISTER CECILE THERESE	Instructor in Home Economics
B.A., Mount St. Mary's College; M.S., University of California, Los Angeles	
SISTER CECELIA LOUISE	Assistant Professor of Chemistry
B.A. Mount St. Mary's College; Ph.D., Saint Louis University	
SISTER MARY CELESTINE	Professor of Music
B. Mus., M. Mus., University of Southern California; D. Mus., University of the West	
SISTER CORNELIA MARY	Assistant Professor of Philosophy
B.A., De Paul University; M.A., Loyola University, Chicago	
DAVID CRESSEY	Assistant Professor of Art
B.A., M.A., University of California at Los Angeles	
THE REVEREND PETER C. CURRAN, O.P.	Associate Professor of Theology
S.T.Lr., S.T.Lic., Ph.D., Angelicum, Rome	

\*Absent on leave 1960-61.

MAXINE DAVIS, R.N.	Instructor in Nursing
B.A., University of Washington; M.S., University of California at Los Angeles	
MATHIAS DORAN	Assistant Professor of Music
B.M., B.A., M. Mus., D.M.A., University of Southern California	
SISTER ELOISE THERESE	Professor of Modern Languages
B.A., M.A., Ph.D., University of California, Los Angeles, graduate study, Sorbonne	
JANET ERVIN	Instructor in Physical Education
Certificate in Education, I. M. Marsh College of Physical Education, University of Liverpool, England.	
PATTEE E. EVENSON	Associate Professor of Music
B.S., University of Minnesota; M. Mus., University of Michigan; D.M.A. University of Southern California	
SISTER GENEVIEVE MARIE, R.N.	Director, Student Health Service
B.S., Mount St. Mary's College; M.S. in N. Ed., Catholic University of America	
*SISTER MARY GERALD	Assistant Professor of Biology
B.A., University of Southern California; M.S., Catholic University of America; graduate study, Stanford University.	
SISTER M. GERMAINE	Professor of Classical Languages
B.A., Mount St. Mary's College; M.A., University of Southern California; Ph.D., Catholic University of America	
SISTER GERTRUDE JOSEPH	Associate Professor of Biology
B.A., College of the Holy Names; M.S., University of Southern California; Graduate Study, Fordham University; Research, Medical Center University of California at Los Angeles	
KATHERINE GOLDSMITH	Instructor in Physical Education
B.A., Barnard College; M.S., Wellesley College	
MILDRED GRAFFORD, R.N.	Assistant Professor of Nursing
B.S., University of California, Los Angeles; M.A., Teachers' College, Columbia University	
THE REVEREND ANTONINUS HALL, O.P.	Assistant Professor of Theology
S.T.Lr., Angelicum, Rome	
MARLENE S. HERMER, R.N.	Instructor in Nursing
B.S., Mount St. Mary's College; M.S., University of California, Los Angeles	
SISTER MARY HILDEGARDE	Assistant Professor of Modern Languages
B.A., Pomona College; M.A., Ph.D. (Cand.), University of California, Los Angeles; European travel and study	
SISTER MARY IGNATIA	Professor of Art
B.A., M.F.A., California College of Arts and Crafts, foreign travel	
SISTER JOHN BERNARD, R.N.	Assistant Professor of Nursing
B.S., M.S., University of California, Los Angeles	

<sup>a</sup>Absent on leave 1960-61.

SISTER JOHN MARGARET	Assistant Professor of Sociology
B.A., De Paul University; M.A., University of Southern California	
DANUTA KACZYNSKI	Catalog Librarian
M.Ph., University of Wilno, Poland; Ph.D., University of Vienna, Austria; graduate work, Library School, Vienna, Austria	
SISTER M. LAURENTIA	Professor of English
B.A., Mount St. Mary's College; M.A., Ph.D., Catholic University of America	
SISTER LILLIAN MARIE	Instructor in Music
B.Mus., M.Mus., Mount St. Mary's College; Graduate study, Oxford. European travel	
RUTH M. LINDEGREN, R.N.	Instructor in Nursing
B.S., M.S., University of California at Los Angeles	
SISTER MARGARET CLARE	Assistant Professor of Education
B.A., Mount St. Mary's College; M.Ed., University of California, Los Angeles	
SISTER MARGARET LEO	Assistant Professor of Mathematics
B.A., Mount St. Mary's College; M.A., University of California, Los Angeles	
SISTER MARGARET MARIE	Instructor in Biology
B.A., Mount St. Mary's College; Graduate Study, Fordham University, University of California at Los Angeles, California	
SISTER MARIE de LOURDES	Professor of English
B.A., M.A., University of Arizona; Ph.D., Catholic University of America	
SISTER MERCEIA LOUISE	Dean of Women
B.A., Mount St. Mary's College; M.A., University of California, Los Angeles; graduate study, Catholic University of America	
SISTER MIRIAM JOSEPH	Instructor in Music
B.A., Mount St. Mary's College; M. Mus., University of Southern California	
MARJORIE MORTON	Instructor in Drama
B.A., U.C.L.A.; Graduate Work, U.C.L.A.	
MARION NOLTON, R.N.	Instructor in Nursing
B.S., M.S., University of California at Los Angeles	
RONALD J. OARD	Instructor in History and Political Science
B.A., Regis College, Denver; M.A., Creighton, Omaha; Ph.D., St. Louis University	
RALPH DALE O'KEEFE	Assistant Professor of Drama
B.A., Loyola University, Los Angeles; M.F.A., Yale University	
THE REVEREND JAMES O'REILLY	Professor of Mathematics and Physics
S.T.B., St. Patrick's College, Maynooth; Ph.D., California Institute of Technology	
SISTER MARY PATRICIA	Associate Professor of English
B.A., Mount St. Mary's College; M.A., University of California, Los Angeles; graduate study, Stanford University	
SISTER PATRICIA CLARE	Assistant Professor of English
B.A., Mount St. Mary's College; M.A., University of Southern California; graduate study, Oxford; European travel	

SISTER PAULANNE	Instructor in Home Economics
B.A., Mount St. Mary's College; M.S., St. Louis University; Internship, St. Louis University Hospitals	
SISTER M. REBECCA, R.N.	Associate Professor of Nursing
B.S., Mount St. Mary's College; M.S. in N. Ed., Catholic University of America	
MARY VALIS REJLEK	Assistant Professor of Modern Languages
B.A., Mount Union College, Ohio; M.A., University of Wisconsin; graduate study, Sorbonne, and University of California, Los Angeles	
SISTER RICHARD JOSEPH, R.N.	Assistant Professor of Nursing
B.S., Mount St. Mary's College; M.S., University of California, Los Angeles	
SISTER ROSE CATHERINE	Assistant Professor of History and Political Science
B.A., Mount St. Mary's College; M.A., Ph. D. (Cand.), University of California, Los Angeles	
SISTER ROSE de LIMA	Professor of Education
B.A., M.A., University of Southern California; Ph.D. University of California, Berkeley; graduate study, Regina Mundi, Rome	
SISTER ROSE GERTRUDE	Professor of Mathematics
B.A., Mount St. Mary's College; M.A., Ph.D., Catholic University of America	
SISTER ST. CLAIRE	Assistant Professor of History and Political Science
B.A., Mount St. Mary's College; M.A., University of California, Los Angeles; graduate study, University of Paris, European travel	
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B.A., Mount St. Mary's College; M.S., University of Southern California	
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B.A., College of the Holy Names; M.A., University of California, Berkeley; graduate study, University of Paris, European travel	
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*NINA SHEPHERD	Assistant Professor of Art
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B. Mus., M. Mus., Mount St. Mary's College; graduate study, the University of Southern California; D. Mus., University of Montreal; European travel	

\*Absent on leave 1960-61.

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B.S., Howard University; M.N., Western Reserve University	
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B.A., St. John's University, Toledo; B.S. Ed., Toledo Teachers' College; M.A., University of Michigan; Ph.D., University of Michigan	
WALTER ARLEN	Lecturer in Music
B.S. in Mus.Educ., George Peabody College, Tennessee; M.A., University of California, Los Angeles	
DAPHNE NICHOLSON BENNETT	Lecturer in English
B.A., M.A., University of London; M.A., Ph.D., University of Southern California	
ALOYSIUS CAFFERTY	Lecturer in Chemistry
B.S. in Chem.Engineering, University of Wisconsin	
THE REVEREND JAMES B. CLYNE	Lecturer in Education and Theology
B.A., St. John's Seminary; Ph.D., Catholic University of America	
THE REVEREND JOHN P. CREMINS	Lecturer in Music
B.A., St. Patrick's Seminary; B. Mus., M. Mus., Mount St. Mary's College	
THE RIGHT REVEREND PATRICK DIGNAN	Lecturer in History
B.A., University of Louvain; M.A., Ph.D., Catholic University of America	
CHARLES ERVIN	Lecturer in Economics
B.A., Pomona College, Claremont, California; M.B.A., Harvard School of Business	
JEANNE F. GENRICH	Lecturer in Biology
B.S., M.S., M.D., Marquette University; Pathology Residency, St. Mary's Hospital, Duluth; Staff Member, St. John's Hospital, Santa Monica and Huntington Memorial Hospital, Pasadena, California	
LENOR S. GOERKE, M.D.	Lecturer in Public Health
M.D.; M.P.H., University of Michigan	
FEDERICO GRABIEL	Lecturer in Chemistry
B.S.Ch.E., Rensselaer Polytechnic Institute; Research Fellow, Instituto de Matematica, Rosario, Rep. Argentina; graduate study, University of Chicago, Illinois	
HELEN PICKETT	Director of Public Relations
B.M., M. Mus., Mount St. Mary's College	

JOSEPH ROTTURA	Lecturer in Music
B.M., University of Arizona; M.M., Mount St. Mary's College; Graduate Study, U.C.L.A.	
JOHN LEE	Lecturer in Music
L.R.A.M., Royal Academy of Music, London; L.T.C.L., Trinity College, London; Fellowship from the Royal College of Organists; Member of the Royal Society of Teachers	
M. JOHN SCHUMACHER, M.D., F.A.P.A.	Lecturer in Psychology
Ph.B., University of Wisconsin; M.D., Marquette University, School of Medicine; Diplomate of American Board of Psychiatry and Neurology	
THE REVEREND JOSEPH F. SHARPE	Lecturer in Education and Psychology
B.A., Regis College, Denver; M.A., Ph.D., Catholic University of America	
BARBARA DOBROTT STAPLEFORD	Lecturer in Sociology
B.A., Mount St. Mary's College; M.S.W., Catholic University of America	
DELORES STEVENS	Lecturer in Music
B.Mus., University of Kansas	
MARGARET STROMER	Lecturer in Opera Workshop
B.A., Mount St. Mary's College; Special Studies in Opera Production, U.C.L.A.	
HELENA SUNDGREN	Lecturer in Music
B.M., Juilliard School of Music; Concert Tours in Europe and the United States	
ALIENNE WHITENER	Lecturer in Mathematics
B.A., University of Oklahoma; M.A., University of Michigan	
MARIE ZEUTHEN	Lecturer in Biology
B.S., Mount St. Mary's College; European travel and study; graduate study, University of California at Los Angeles	

## FACULTY COMMITTEES

The President and Dean are, ex-officio, members of all committees of the faculty.

### ADMISSIONS

Director of Admissions\*, Academic Dean, Dean of Women, Registrar, one Faculty Member.

### CURRICULUM

Academic Dean\*, eight or nine Faculty Members.

### STUDENT AFFAIRS

Dean of Women\*, College Chaplain, Director of Residence, Faculty Moderators of National Federation of Catholic College Students (NFCCS), National Students Association (NSA), and Women's Recreational Association (WRA), Faculty Coordinator of Sororities, two Faculty Members.

### LIBRARY

Librarian\*, Assistant Librarians, three or four Faculty Members.

### TEACHER EDUCATION

Members of Department of Education, three other Faculty Members.

### HONOR AWARDS

Academic Dean\*, Departmental Chairmen.

### RECRUITMENT

Academic Dean, Dean of Women, six to eight Faculty Members.

\*Chairman

## GENERAL INFORMATION

### Foundation

Mount St. Mary's College was founded in 1925 by the Sisters of St. Joseph of Carondelet under the patronage of The Most Reverend John J. Cantwell, D.D., LL.D., Archbishop of Los Angeles. The Sisters of St. Joseph, devoted to the cause of education, reflect in their institutions the principles which three centuries ago inspired their founder, Bishop Henri de Maupas of Le Puy, France, to establish a congregation of religious women uniting action and contemplation. True to the spirit of their founder, the Sisters of St. Joseph endeavor to incorporate the finest traditions of their congregation into the program of education established at Mount St. Mary's College.

### Official Recognition

By virtue of its charter granted by the State of California, Mount St. Mary's College is empowered to confer such honors, degrees, and diplomas in the arts and sciences, as are usually conferred in colleges in the United States of America.

The college is accredited by the  
Western College Association  
California State Board of Education  
California State Board of Nurse Examiners  
National League for Nursing.

The college is a member of the  
American Association of Colleges for Teacher Education  
American Council on Education  
Association of American Colleges  
National Association of Schools of Music  
National Catholic Educational Association  
National Commission on Accrediting.

The college is affiliated with the Catholic University of America.

The college is approved by the California State Board of Education to recommend candidates for the general elementary credential, the general secondary credential and the special secondary credential in music.

Graduates of the Department of Nursing, after passing the state examination for licensure as a Registered Nurse, are granted a public health nursing certificate by the California State Department of Public Health.

Graduates in the Medical Technology Program who have completed in-service training are eligible for the examinations required for certification by the State and National Registry of Medical Technologists.

### Location

Mount St. Mary's College is located on a fifty-six acre tract in the Brentwood Hills in Los Angeles. It overlooks the Pacific Ocean from Santa Monica to Palos Verdes on the west and almost the entire city of Los Angeles on the south. It is surrounded on the north and east by the Santa Monica mountains. Its climate is healthful and generally temperate.

### **Buildings and Equipment**

The College provides every opportunity for student growth. Mary Chapel, located in the center of the campus, encourages frequent visits to the Blessed Sacrament and students may assist at the Missa Recitata there daily.

The Charles Willard Coe Memorial Library of more than 53,000 volumes provides standard reference tools as well as opportunities for further individual study and research. It receives copies of 420 periodicals regularly and is equipped with audio-visual facilities and seminar rooms.

The science and administration building has well-equipped laboratories for physical and biological sciences, and for home economics, chemistry research laboratory, well-lighted classrooms, offices and an auditorium.

The Marian Hall of Fine Arts provides modern art studios, ceramics room, art gallery, instrument and piano practice rooms, listening rooms as well as music studios, orchestra room, and faculty offices.

Brady and Carondelet residence halls provide comfortable accommodations in single rooms, double rooms, or suites, with a kitchenette and a small laundry on each floor, a large dining room and lounge, and a cafeteria for day students.

Extensive game courts—tennis, volleyball, basketball—and a large, outdoor, heated and filtered swimming pool provide for healthful and recreational physical activity. A large ballroom on the ground floor of the library offers a setting for social activities.

The entire campus atmosphere is one of spacious beauty achieved through buildings of Spanish Colonial architecture and artistic landscaping.

### **AIMS**

The aim of Mount St. Mary's College is to give its students that culture of the mind, the will, and the emotions which disposes them to achieve a well-balanced personal and social life within the framework of the vocation to Christian womanhood. To achieve this goal the College endeavors to instill into the minds and hearts of its young women a thoroughly Catholic philosophy of life based upon the liberal arts tradition.

With this philosophy as an integrating principle, the college seeks to develop the student by using means suitable to the different aspects of the total personality.

On the spiritual level, this development is accomplished by consistent instruction in the principles of Catholic theology, by faculty guidance, and by providing opportunities for participation in corporate liturgical worship.

On the intellectual level, the means taken are first, a correlated program of study which contributes to the student's growing knowledge of the material world, of man, and of God, and which deepens the appreciation of her historical, cultural, and scientific heritage; and secondly, a continuing effort to encourage creative activity and research and to stimulate the student to persevering self-education.

On the social and physical levels, the student's development is furthered by participation in curricular and co-curricular activities which implement the sense of social responsibility and inculcate habits which make for serene and healthful living.

The college further recognizes the need of many students for professional training. Its vocational curricula, therefore, are designed to provide this training, without, however, sacrificing lasting cultural values to immediate practical ends.

Mount St. Mary's College, in these ways, creates the conditions favorable for the graduation of young women who by their lives will give evidence of a deep and abiding respect for the authority of Church and State and for the democratic principles upon which our government is founded.

## **STUDENT ORGANIZATIONS**

### **The Associated Students of Mount St. Mary's College**

The Associated Student organization has for its aims the development of a spirit of loyalty and cooperation among the students and a sense of responsibility toward the College and its students.

The Student Council is the voice of the Associated Students. It is presided over by the student body president while class presidents and other elected officers hold chairs on the Council.

### **The Sodality of Our Lady**

The principal religious association on campus is the Sodality of Our Lady. All Catholic students are encouraged to affiliate themselves with this organization.

### **National Federation of Catholic College Students**

Since 1945, Mount St. Mary's College has been affiliated with the National Federation of Catholic College Students which is made up of nearly two hundred Catholic colleges from every section of the United States. The students are active in the regional unit of this federation.

### **Young Christian Students**

This organization aims to promote Catholic action and thereby assure the maintenance of a true Christian spirit in the community.

**National Student Association**

The United States National Student Association is an organization of college student bodies represented through their student governments.

**Women's Recreation Association**

This organization was established to provide an opportunity for all students to find enjoyment through participation with others in a wide variety of recreational and social activities.

**Red Cross Unit**

The chapter of the College unit of the American Red Cross was established on campus in 1943 and pursues its activities through S.W.E.S.

**Departmental Clubs**

To foster an abiding interest in the special fields which students are pursuing and to supply the broadening contacts which organized discussions and planned programs furnish, various clubs have been organized. The following organizations are designed to meet the varied interests of students:

Eusebians .....	History
Parnassians .....	English
S.W.E.S.....	Economics and Sociology
Kappa Theta Mu.....	Science and Mathematics
Tri Rho .....	Education
Music Club .....	Music
International Language Club.....	Foreign Language
Home Economics Club.....	Home Economics
The Marian Club.....	Art
White Caps .....	Nursing
Mount Masquers .....	Drama

**HONOR SOCIETIES**

Alpha Mu Gamma.....	National Honor Society for Foreign Language Students
Chemistry Honor Society.....	Honor Society for Chemistry Students
Delta Epsilon Sigma.....	National Catholic Honor Society
Kappa Gamma Pi.....	National Catholic Women's Honor Society
Lambda Iota Tau.....	National Literature Honor Society
Pi Delta Phi.....	National French Honor Society
Pi Theta Mu.....	Service Honor Society
Sigma Alpha Iota.....	National Music Fraternity
Sigma Delta Pi.....	National Spanish Honor Society

## PUBLICATIONS

The College has three regular publications, **The Mount**, **Westwords**, and **The View**, financed by the student fee. **The Mount**, the College yearbook was first published in 1947. Edited by a senior elected by her class, the annual records the student year in pictures and presents a brief history and photograph of each graduate.

**Westwords** is the College literary quarterly. Its essays, short stories and poetry are drawn from creative writing classes, and faculty and alumnae contributors.

**The View**, the student newspaper, is published by volunteer students under a faculty adviser. Affiliated with the Catholic School Press Association and the Associated Collegiate Press, the paper has received both All-Catholic and All-American awards. It aims to spread truth through the highest standards of artistic and accurate journalistic writing and to articulate the ideals and activities of Mount St. Mary's College.

## ADMISSION TO COLLEGE

### General Requirements

An applicant for admission to Mount St. Mary's College must have the following data sent to the Director of Admissions:

1. An official application form completely filled out and the application fee (\$5.00).
2. Scores achieved in the College Entrance Examination Board Scholastic Aptitude Test.
3. A transcript of high school record.
4. Three letters of recommendation from persons such as the student's pastor, senior adviser, high school principal, employer, or other reliable person.
5. A passing grade in either the Subject A examination (English composition) given at Mount St. Mary's College or at a University of California center, or in the equivalent course in pre-freshman English.

No pre-registration is required for the test given at Mount St. Mary's; the test will be given each year on the last Saturday in February. It will be repeated on the second Saturday in May for high school juniors who wish to attempt it and for those seniors who were unable to take the test in February.

It is strongly recommended for their own advantage that students who fail the examination take the course in the summer previous to their entrance into college. If sufficient students apply for the course in Subject A before June 1, it will be given at Mount St. Mary's College in the summer at a fee of \$30.00 or less depending on the number in the class.

The applicant will be notified of acceptance or rejection when the data 1-4 have been evaluated.

### Admission in Freshman Standing

An applicant must fulfill the requirements set forth in one of the following plans in order to be admitted in freshman standing:

#### Plan A—Admission by recommended grades.

1. Graduation from an accredited high school.
2. Completion of the high school subjects as follows:
  - (a) History ..... 1 unit  
This requirement must be satisfied by one unit of United States history and civics.

- (b) English ..... 3 units  
These may consist of any six semesters in English including not more than one semester each of public speaking and journalism.
- (c) Mathematics ..... 2 units  
These must consist of two semesters of elementary or advanced algebra; and two semesters of plane geometry or solid geometry and trigonometry.
- (d) Science (with laboratory) ..... 1 unit  
This must consist of a year course in one field of science, namely, biology, botany, chemistry, physics, physical science, or zoology. The science selected must be an advanced (eleventh or twelfth grade) science, and the two semesters must be in the same subject field.
- (e) Foreign language ..... 2 units  
These must be in one language.
- (f) Advanced course chosen from  
one of the following: ..... 1 or 2 units
  - 1. Mathematics, a total of 1 unit in advanced algebra, solid geometry, or trigonometry;
  - 2. Foreign language, either 1 additional unit in the same language offered under (e) or two years of a different foreign language;
  - 3. One unit of either chemistry or physics with laboratory, in addition to the science offered under (d) above.

### Scholarship Requirements

Courses in the (a) to (f) list taken in the ninth grade need show passing marks only; courses (a) to (f) taken in the tenth, eleventh, and twelfth grades must be passed with marks that will make an average grade of B. Courses in which a grade of D is received may not be counted either in reckoning the required scholarship or in satisfaction of the subject requirement. An A grade in one course will balance a C grade in another. Only college preparatory subjects are considered. Grades are considered on a semester basis, except from schools that give only year marks.

### Plan B—Admission by Examination.

An applicant whose preparation varies with minor deficiencies in subject preparation or scholarship from Plan A may qualify for entrance by earning a sufficiently high score on the College Entrance Examination Board Scholastic Aptitude Test. An applicant accepted with minor deficiencies arising from not having studied a required subject or from having received a low grade in a required subject must remove the deficiency in one of two ways:

1. By passing satisfactorily the appropriate postgraduate course in an accredited high school.
2. By passing satisfactorily a college course of appropriate content.

In either case any credit earned may not be counted towards a degree. A deficiency of the type mentioned must be removed before being admitted to upper division standing.

**Admission in Advanced Standing**

A student will be admitted to advanced standing on presenting a satisfactory transcript of credit from an approved college. Character references are required. A transfer student must be in good standing in the college from which she transfers, and must have been granted an honorable dismissal. An average of C is required in the college work of the transfer student. Any course with a grade of D will not be accepted.

**Classification of Students**

**Full-time** students carry 12-18 units.

**Part-time** students carry less than 12 units.

**Special** students are mature students who desire to take a course or courses for academic credit, without following a prescribed curriculum towards a degree.

**Classes:**

Sophomore standing is granted to a student who has completed 28 units of credit with 56 grade points.

Junior standing is granted to a student who has completed 60 units of credit with 120 grade points.

Senior standing is granted to a student who has completed 90 units of credit with 180 grade points.

**ACADEMIC INFORMATION****Degrees**

Mount St. Mary's College offers four-year courses of study in the arts and sciences leading to the following degrees:

Bachelor of Arts

Bachelor of Science

Bachelor of Music

Information concerning the Masters' degrees is given in the **Graduate Bulletin**.

The curricula for any bachelor's degree is designed to give two years of study in the liberal arts and sciences followed by a more specialized program in the junior and senior years during which time the student completes a major and minor field of study.

**Majors and Minors**

The specific requirements for a particular major or minor subject are designated by the department. The minimum requirement for the major is 30 units of which 18 to 24 units are in upper division (100-level) courses. The minimum requirement for the minor is 18 units of which 9 to 12 units are in upper division courses.

Majors are offered in the following subjects:

Art	Natural Science
Drama	Bacteriology
English	Biochemistry
Foreign Languages:	Botany
Classical Languages	Chemistry
French	Life Science
Spanish	Physical Science
Home Economics	Zoology
Mathematics	Nursing
Music	Pre-Social Work
	Physical Education
	Social Sciences
	Economics
	History
	Sociology

Minor subjects may be any of those listed as possible majors and also the following:

Business Administration	Physics
Education	Political Science
Italian	Psychology
Philosophy	Theology

A change in the choice of a major or a minor after the student has entered the junior or senior year may be made only with the permission of the Dean and the consent of the advisers concerned.

#### General Requirements for all Bachelors' Degrees:

1. A total of 128 semester units. No more than 40 units in any one subject field may be included in this total.
2. A cumulative grade point average of 2.0 (C average) for all collegiate work undertaken.
3. Two semesters' work immediately preceding graduation at Mount St. Mary's college with a minimum of 24 semester units. Regular courses in the major must be taken in the last two semesters of college.
4. Eight semesters in college residence or the equivalent thereof.
5. The completion of an acceptable major and minor.
6. A course in American Institutions and American History. This requirement may be fulfilled in lower division by History 7A-7B, or History 8A-8B.

In addition to the general requirements for all bachelors' degrees the **Bachelor of Arts** degree demands the completion of 60 units of lower division (0-99 level) courses and 60 units of upper division (100-199 level) courses including the following:

English, ten units.  
Fine Arts, two units.

**Foreign Language.** The satisfactory completion of at least a year of intermediate course work in a foreign language or the passing of a qualifying examination to test

reading ability in a foreign language. Only students who have completed one semester of an intermediate course or who have completed 3 or 4 years of a high school language are eligible to take the reading test. Foreign students satisfy the language requirements by satisfactorily completing English 1A, 1B, 4A, and 4B.

#### Natural Sciences

a. At least a semester in physical sciences chosen from the following:

Physical Science, 1, 11, 21, 31.

Physics, 2A, 2B with laboratory

Chemistry 1A

Mathematics 1, 3A

b. At least a semester course in life science chosen from the following:

Bacteriology 1

Botany 1A

Life Science 1A

Zoology 1A, 24

Philosophy, twelve units.

Physical Education, four semesters.

Social Science, ten units.

Theology, Catholic students are required to take Theology every year they are enrolled at the college. Non-Catholics are required to take Theology 1A-1B.

The **Bachelor of Science** degree is designed for students with both a major and minor in the sciences and/or mathematics. In addition to the general requirements for all bachelors' degrees, the Bachelor of Science degree demands the completion of 60 units of lower division (0-99 level) courses and 54 units of upper division (100-199) level courses in a total of 128 units, including the following:

English, ten units.

Fine Arts, two units.

Foreign Language, as required by the major.

Philosophy, twelve units.

Physical Education, four semesters.

Social Science, ten units.

Theology, Catholic students are required to take Theology every semester they are enrolled at the college. Non-Catholics are required to take Theology 1A-1B

The special requirements for the **Bachelor of Music** degree are given on page 79.

## ACADEMIC REGULATIONS

### Grades

Results of examinations, semester reports, and the general average of the scholastic standing of a student in her entire course are indicated by the following system of grades:

**Passing:** A, excellent; B, good; C, average; D, barely passing.

**Not passing:** F, failure; (Inc.), incomplete, a temporary term indicating that while the work done is of passing quality, yet portions of it remain unfinished owing to illness or similar unavoidable causes. The "incomplete" may be removed in such a manner as the instructor may determine. The "incomplete" must be removed before the end of the following semester in residence or it becomes a "failure." Responsibility for the removal of an "incomplete" rests with the student. The term Inc. may not be used for Seniors during their final semester.

### Grade Points

The standard of scholarship of a student is determined by taking a ratio between the total grade points earned and the total number of units or semester hours for which the student was registered.

In estimating this ratio:

- A counts 4 grade points per credit unit.
- B counts 3 grade points per credit unit.
- C counts 2 grade points per credit unit.
- D counts 1 grade points per credit unit.
- F counts no grade points per credit unit.
- Inc. is not considered in estimating the ratio.

### Scholarship Requirements

Mid-semester reports on the work of students are required of all instructors. Reports of scholarship are sent to parents or guardians of all Freshmen, and to students of the three upper classes at the end of each semester. Reports are sent likewise at the mid-semester for all students whose average is below C.

Any student who fails in a given semester to earn a number of grade points equal to twice the number of units for which she is registered is placed on probation and must limit her program of studies. If she fails in the following semester to earn a number of grade points equal to twice the number of units for which she is registered, she is disqualified from further attendance at the College.

A student who in any semester fails to pass eight units of work is disqualified. When extenuating circumstances, such as prolonged illness, account for the student's disqualification, she may be permitted, on petition to the proper committee, to continue on probation until the next mid-semester.

A minimum grade point ratio of 2 is required in the work of the lower division before a student can be granted junior standing. The same grade point average is required in the upper division before the student can be graduated.

## Honors

Degrees with honors are conferred on students who attain the standards of one of the following distinctions, which are based on scholarship: summa cum laude, magna cum laude, cum laude.

**Summa cum laude:** On the recommendation of the Committee on Standards, the degree **summa cum laude** shall be granted to a student who has received a grade point of 3.8.

**Magna cum laude:** On recommendation of the Committee on Standards, the degree **magna cum laude** shall be granted to a student who has received a grade point average of 3.5 to 3.8.

**Cum laude:** On recommendation of the Committee on Standards, the degree **cum laude** shall be granted to any student who has received a grade point average of 3.3 to 3.5.

## College Discipline

**Registration.** All students are required to register at the beginning of each semester on the day announced. A fee of \$2.00 will be charged for registration after this date.

**Study List.** It is recommended that full-time students carry a course program of not less than 15 units and not more than 18 units per semester, unless otherwise authorized by the Dean.

**Study Card.** A study card, approved by the counselor for lower division students and by the major adviser for upper division students, must be filed within the appointed time. Credit will be granted only for courses listed properly on the study cards.

**Change in Program.** After the second week of the semester a student is not permitted to withdraw from a course nor enroll in a course without the permission of the Dean. A student who withdraws from a course without the permission of the Dean receives a grade of F.

**Attendance.** Regularity and punctuality are essential to the successful pursuit of study. Students, therefore, are advised that the number and character of their absences will be taken into account by instructors in determining academic grades. Unless proof to the contrary is furnished, an instructor will assume that an absence is without serious cause.

There is no provision for a system of allowed cuts or absences. An absence that precedes or follows a holiday is counted double. In the case of a prolonged absence (not to exceed twenty days) because of illness or other serious reasons, the recommendation of the Dean is required for the student to be reinstated in class. Students may be dropped from a class for excessive absences when, in the opinion of the instructor, further enrollment in the class would be of little value to the student. Occasionally, a student is excused from class attendance by the Dean in order to represent the college at some function. She should inform the instructors of such excused absences and secure from them the assignments for the next class.

**Tardiness.** Students are expected to be in time for class, that is, in their places when the class bell rings. Three tardinesses constitute a class absence.

**Examinations.** All undergraduate students are required to take the regular course examinations.

**Leave of Absence.** In case of serious interruption of work during the semester, a student should apply to the Dean for formal leave of absence. Any student discontinuing her work without such formal leave may lose her privilege of registration and forfeit her right to a clear transcript of credit.

**Re-entrance.** A student in good standing, absent one or more semesters, may re-enter at the opening of any semester.

**Dormitory Students.** Students who are unable to commute to their homes daily are required to reside on the campus. The permission of the Dean is required to reside elsewhere.

**Dismissal.** Enrollment in the College implies willingness on the part of the student to comply with the requirements and regulations of the College. Should the student fail to comply with these requirements and regulations, and the faculty consider her influence to be harmful to others or to the spirit of the College, her withdrawal is requested even though she is charged with no specific breach of discipline.

## COUNSELING SERVICE

The College recognizes that many students enter college without having decided upon a profession or vocation. The counseling program is planned to develop in the young woman a sense of her own personal dignity and aids in discovering her educational, social and professional possibilities, thereby enabling her to choose wisely and in accordance with the Catholic philosophy of life.

The counselors, class advisors, and major professors as well as the administrative officers are an integral part of the counseling service and are available to the students for advice or consultation at specified times.

Each student has a counselor who helps her to plan her program. Counselors are assigned to freshmen and sophomores. Juniors and seniors are advised by the professors in the departments in which the major study is made.

The Director of Guidance provides counseling and guidance, both educational and vocational. By means of appropriate tests and interviews, the Director of Guidance assists the student to acquire a knowledge of her aptitudes and her abilities so that she may make a wise selection of college courses and thus prepare herself for the career that she plans to follow.

## GENERAL HONORS PROGRAM

A limited number of students from the Sophomore, Junior, and Senior classes are eligible to become members of the General Honors Seminar. Selection of members is based on the C. E. E. B. score, percentile ranking in the A. C. E., grade point average in college studies, enthusiasm for intellectual discovery, suitable personality, and leadership ability. Final choice is made by members of the Honors Seminar Committee after consultation with the entire faculty.

The purpose of the program is to provide intellectual stimulation for the superior student, to develop in her an ability to relate and synthesize learning, to correlate philosophy and the various disciplines she has studied. The committee selects a theme which will lend itself to a coordination of effort by the members of the group using their particular majors to achieve a synthesis of ideas related to the primary objectives.

The Seminar meets twice a month in the evening, and carries one unit credit per semester. Senior members receive Honorable Mention at graduation.

## SEMESTER EXPENSES

All semester expenses except departmental fees must be paid each semester, on or before registration day. Those unable to meet these expenses in one payment may obtain information from the treasurer on the following plans: Tuition Plan, Inc., Bank of America Study Plan, Security First National Custom Credit Plan.

Tuition for all students (12 to 18 units) .....	\$200.00
Less than 12, per unit .....	14.50
Over 18, per unit .....	12.00
General Fee .....	Day Students 30.00 Resident Students 32.00

The general fee for all students must be paid each semester on the date of registration. The fee covers registration, student body, lecture, library, athletic and swimming pool facilities, class dues, retreat offering, and College publications including the Annual. No part of this fee is remitted to those students who may not desire to make use of any or all of these privileges.

Student Health Service .....	12.50
*Insurance .....	Day Students 9.00 Nurses and Resident Students 20.00
Library fee for part-time students .....	2.00
Registration fee for part-time students .....	5.00
*Cap and Gown Rental .....	5.00

### Residence Halls

Board and small double room .....	450.00
Board and Suite .....	460.00
Board and large double room .....	475.00
Board and private room .....	500.00

### Special Fees

Graduation .....	20.00
Nurses .....	40.00
Late registration fee .....	2.00
*Testing fee (Freshmen and Sophomores) .....	5.00
Subject A .....	1.00
Class in English A (for Freshmen who have failed the Subject A test) .....	30.00

### Studio and Laboratory Fees

Art	4A-4B, 14A-14B, 24A-24B, 114A-114B, 124A-124B, 140A-140B, 164A-164B-164C-164D .....	3.50
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<sup>a</sup>Annual fees; paid in Fall Semester

50A-50B, 150A-150B .....	15.00
33A-33B, 133A-133B .....	7.50
330 .....	2.00
Educ.     147 .....	3.50
330 .....	20.00
335, 377 .....	45.00
Home Ec.   158, 162, 185 .....	2.50
177 .....	5.00
135 .....	10.00
30, 31, 170, 175 .....	15.00
11, 102 .....	20.00
146 .....	130.00

**Laboratory Sciences**

Bact.	1, 103, 108 .....	12.00
	6 .....	2.50
Bot.	1A-1B, 102, 104, 126, 153 .....	10.00
	109, 119 .....	5.00
Chem.	4 .....	5.00
	2A-2B, 5, 111A-111B .....	10.00
	199 .....	per unit 10.00
	100, 101, 113A-113B .....	15.00
Life Science	1A-1B .....	10.00
Physics	3A-3B .....	10.00
Phy. Sci.	1, 11, 21, 31 .....	5.00
Zo.	1A-1B, 2, 24, 51A-51B, 100, 106, 112, 150 .....	10.00
	111C, 122, 131 .....	

**Music**

Individual instruction .....	voice 100.00
	instrument 100.00
Class instruction .....	25.00
Use of instruments, Mus. 13 .....	15.00
Mus. 27, 28, 29, 127, 128, 129 .....	10.00
Mus. 30 .....	organ 20.00 2.50

An additional charge will be made for room and board during Christmas, inter-semester, Easter and summer vacations.

Charges are subject to change at beginning of each semester.

The general fee (\$30.00) for all students must be paid each semester on the date of registration.

Interest will be charged on overdue accounts.

A \$100 room deposit of which \$75 is applicable to first semester account is required to record the reservation of a room. \$25.00 is retained

as a Room Deposit until such time as the student discontinues attendance at Mount St. Mary's. Withdrawal of reservation after August 1 entails forfeiture of total deposit. Rooms are contracted for by the year except in case of graduation at mid-year or withdrawal because of illness.

Room assignments are made in the order of the receipt of the reservation deposit. Students already in attendance must pay their deposit for priority in the choosing of a room.

The College has adopted the following schedule for refunding tuition, board, and other fees. In all cases the date of withdrawal will be that on which notice of withdrawal was received.

Period of attendance	Refundable
2 weeks or less.....	80%
Between 2 and 4 weeks.....	60%
Between 4 and 6 weeks.....	30%
After 6 weeks.....	0%

Students who enroll for applied music at the beginning of each semester are expected to continue through the semester. After the expiration of the period for filing study cards, no withdrawals will be permitted and no refunds will be made except in case of serious illness, although in genuine emergency, it may be possible to postpone private lessons until another semester. Lessons missed by students will be made up by the instructor only when an excuse has been presented showing legitimate reason for absence.

No degree will be conferred on any student, nor will a statement of credits be furnished unless all accounts are paid in full.

Students leaving the College to enter another institution will be given a transcript of credits and an honorable dismissal if in good standing. For additional transcripts of credits requested at any time, a fee of one dollar is charged.

A fee of one dollar will be charged for any examination taken out of the regular time either for the removal of a condition or for any other reason. Arrangements must be made in advance and the fee paid before the examination will be given.

Students who wish to invite guests to the College on weekends are to make arrangements with the Dean of Resident Students one week in advance. A charge of five dollars is made for each guest.

## SCHOLARSHIPS

Mount St. Mary's College offers a limited number of full-tuition and part-tuition scholarships to students who need financial help and who give promise of outstanding success in college.

Scholarships are available to:

Students who make a high score in a competitive examination.

Students who have done superior work in art or music

Seal Bearers of the California Scholarship Federation

HONORS AT ENTRANCE carry no monetary grants but present to the recipient recognition for outstanding scholastic ability. HONORS AT ENTRANCE certificates are presented at high school graduation exercises.

The College solicits the cooperation of parents and secondary school officials in discouraging persons who do not need financial aid from competing with needy students for use of tuition scholarships and service contracts.

Scholarship awards are made with the distinct understanding that the student will remain at Mount St. Mary's College until graduation, or repay the amount before requesting a transfer to any other undergraduate school. A scholarship may be forfeited if the student does not maintain a high scholastic record in any semester of college work.

Application for scholarship should be requested and returned to the Dean of the College before February 15.

### Service Contracts

Service contracts are available to promising young women who need help in financing their college education. The securing of these contracts depends upon health, scholastic record, and need of student. Application for a service contract should be made no later than two months prior to the opening of the semester.

### SWES Intercultural Fund

Available to students from racial or cultural minority groups who are in need of some financial assistance.

## DEPARTMENTS OF INSTRUCTION

### DEPARTMENT OF ART

Sister Mary Ignatia (Chairman)

David Cressey

Nina Shepherd

Margaret Harrison

**Aims:** The close integration of history, theory, and creative practice will enable the student to develop esthetic judgment and satisfactory performance. The aim is threefold: to offer those not majoring in the subject some understanding of the arts, to provide a basis of knowledge of the creative process for teachers, and to furnish the talented student with fundamental training for serious later study on the graduate level.

The College Art Gallery with its program of outstanding exhibits, the Art Library, and the museums of the Los Angeles area are correlating means of study to the students.

**Preparation for the Major:** 90A-90B, 4A-4B, and eight units to be selected from the following: 14A-14B, 33A-33B, 50A-50B.

**The Major:** Twenty-two units of upper division subjects: Required: 102A-102B, 104A-104B. Recommended: 105A-105B, 114A-114B, 133A-133B, 140A-140B, 150A-150B, 153, 164A-164-B.

**Minor Requirements:** Eighteen units, nine to twelve of which must be in upper division courses, chosen upon advice of the department chairman.

**Related Requirements:** Six units in a classical or foreign language, ten units in lower division English, six units in natural science, and four units in social science. The general lower division requirement in social science for the B.A. degree may be met in part by courses in art history required for art majors and minors.

#### LOWER DIVISION

2. Art Structure. (2) (I)	Miss Shepherd
Fundamental course in color theory and harmony as related to composition and applied design, required of Home Economics majors.	
4A-4B. Basic Drawing. (2-2) Yr.	Mr. Cressey
Studio practice in functional drawing and composition from figure, still life, and landscape, providing a foundation for all advanced work.	
5. Fine Arts. (1) I, II	Mr. Cressey
A course presenting the significant arts of the past and present with a view to developing a wider cultural horizon and desirable attitudes in taste and appreciation. Lectures illustrated with slides. Required of all Freshmen.	
14A-14B. Creative Design. (2-2) Yr.	Miss Shepherd
Painting in casein or oil, with lectures and analysis of painting methods, materials, and composition.	
15. Lettering. (2) I	Miss Shepherd
The design of lettering, composition in type forms, and problems in layout.	
16. Advertising Design. (2) II	Miss Shepherd
Problems in advanced layout and practice in advertising display. Prerequisite, 15.	

<sup>a</sup>Given on sufficient demand.

**24A-24B. Advanced Basic Drawing.** (2-2) Yr. Mr. Cressey  
Continuation of structural and expressive form, as related to figure, still life, and landscape.

**33A-33B. Elementary Ceramics.** (2-2) Yr. Mr. Cressey  
Basic problems in pottery forms, decoration and glazing. Experience in slab and free-form methods and use of the wheel.

**50A-50B. Jewelry and Enameling.** (2-2) Yr. Mr. Cressey  
Constructive process in the design and making of jewelry. Emphasis placed on contemporary design in silver.

**90A-90B. Survey of Art History.** (3-3) Yr. Sister Ignatia  
A survey of architecture, sculpture, painting, and the decorative arts from prehistoric times. The relation of art to the society and culture of each period through the Italian Renaissance in Florence.

#### UPPER DIVISION

**102A-102B. Italian Art of the High and Late Renaissance in Venice, Spain, and the Netherlands.** (3-3) Yr. Prerequisite 90A-90B Sister Ignatia

**\*104A-104B. History of Modern Art.** (3-3) Yr. Sister Ignatia  
The main currents of European painting and sculpture from 1800 to the present. Analysis of art styles in their relation to cultural and social conditions, including, in the second semester contemporary art in the United States.

**\*105A-105B. History of Art in America.** (3-3) Yr. Sister Ignatia  
A survey of architecture, sculpture and painting in the United States from Colonial times, with a brief introduction to Pre-Columbian art on this continent.

**114A-114B. Advanced Creative Design.** (2-2) Yr. Miss Shepherd  
Continued exploration into the elements of pictorial design, with lectures and analysis of painting methods and materials.

**124A-124B. Advanced Drawing.** (2-2) Yr. Mr. Cressey  
Continuation of 4A-4B with emphasis on structure and expressive form. Experience with various media in figure, still life and landscape.

**133A-133B. Advanced Ceramics.** (2-2) Yr. Mr. Cressey  
Special projects adapted to creative expression in advanced techniques. Experimental studies in formulas and glaze making.

**\*134. Glaze Calculation.** (2) Mr. Cressey  
Prerequisite: Course 33A-33B.  
Study of ceramic materials and their properties. Calculation of glaze formulas; preparation and testing of glazes.

**140A-140B. Painting.** (2-2) Yr. Sister Ignatia  
Water color painting in landscape and still life. Problems in composition, light and shade, and form. Lectures and analysis of painting methods.

\*Given in rotation or on sufficient demand.

150A-150B. Advanced Jewelry and Enameling.	(2-2) Yr.	Mr. Cressey
153. Design in the Home. (2) II		Mr. Cressey
	Combined lecture and laboratory course in architectural design, interiors, furniture accessories and related fields.	
164A-164B. Painting. (3-3) Yr.		Miss Shepherd
	Oil painting in landscape, still life, and figure. Lectures and analysis of painting techniques, materials, and the elements of pictorial composition.	
164C-164D. Advanced Painting (3-3) Yr.		Miss Shepherd
	Continuation of techniques of painting, analysis of methods and applied studio work	

## **RELATED COURSES**

42. **Methods in Elementary School Art.** (2) I Margaret Harrison  
Designed to give the prospective teacher help in stimulating and evaluating the creative expression of children. Practice in art media commonly used in the elementary school.

330. **Industrial Arts in the Elementary Grades.** (2) II Margaret Harrison  
Investigation of materials and methods, and experience in the activities associated with the elementary program.

199. **Special Studies in Art.** (1-4) I, II Staff  
Prerequisite: Senior standing and consent of the instructor.

# **DEPARTMENT OF BIOLOGICAL SCIENCES**

Sister Gertrude Joseph  
Sister Mary Gerald  
Jeanne F. Genrich, M.D.

Sister Margaret Marie (Chairman)

J. Richard Shelton  
Robert Sloan  
Marie Zeuthen

**Cooperating Faculty at Veterans Administration Center:**

Irene O. Gleason, M.D.; Staff Pathologist; Chief of Histology Section.

Ben G. Fishkin, M.D.; Chief of Laboratory Services; Chief of Pathology; Lecturer in Hematology.

Manabu Fukushima, M.T., (ASPC): Training Officer School of Medical Technology.

George R. Kingsley, M.S.: Lecturer and Laboratory Supervisor in Biochemistry.

E. Taylor Peterson, B.A.; Lecturer and Laboratory Director in Bacteriology and Parasitology.

The primary aim of the department is to interest the student in a broader and deeper knowledge of the living things of her environment, to impart a knowledge of biological principles, and to develop a reliable evaluation of the significance of living things to human

The secondary aim of the department is to impart technical information and skills to the field of agriculture in the state.

This department includes the divisional courses of study in Bacteriology, Botany, General Life Sciences, and Zoology. Any modification of the programs as scheduled below requires approval of the department.

Several programs of study leading to the bachelor's degree are offered by the department: (1) Bacteriology for the medical technologist and research students who participate in the program set up with the Veterans Administration Center at West Los Angeles. (2) Botany Major, planned for the student who wishes to prepare for graduate study, teaching, or research in the field of botanical science. (3) The General Life Science Major, planned for the liberal arts student and for the secondary teacher who wishes to acquire a general understanding of the field of biology in all of its relationships. (4) Zoology, which prepares the student for research and for admission to schools of medical science.

### MEDICAL TECHNOLOGY

**Medical Technology:** The program prepares the student for the bachelor's degree and for the examinations required for certification by the State and the National Registry of Medical Technologists. This certification qualifies the student for the position of technologist in hospitals, public health departments, research centers and physicians' laboratories.

The program is coordinated with the Veterans Administration Center at West Los Angeles where the in-service training may be completed during the student's fourth year. A faculty member of Mount St. Mary's College has direct supervision of this in-service training.

Both the State and the National requirements may be fulfilled by completion of the following courses:

**Preparation:** Bacteriology 1; Chemistry 1A-1B, 2A-2B, 5; Zoology 1A-1B or the equivalent; one course in mathematics.

**Upper division courses:** Bacteriology 103, 105A, 108A, 199; Botany 126; Chemistry 112A, Zoology 111, 122, 159.

**In-service training:** Bacteriology 105B, 108B, 108C; Chemistry 109; Zoology 111C, 123.

**Recommended:** Bacteriology 11, 156, 195; Chemistry 108B; Physics 2A.

### PREMEDICAL COURSES

Although the majority of medical schools require the bachelor's degree, the specific requirements vary. Each student should ascertain the particular requirements of the medical schools of her choice, and confer with her advisor in planning the pre-med courses. Breadth in general education and culture, as well as a thorough foundation in the biological and physicochemical sciences, are desirable objectives in any pre-med program. Each student should select the major and minor which she feels will best prepare her for the field she has chosen.

**Science courses generally required:** Chemistry 1A-1B, 5, 112A; Zoology 1A-1B, 100, 106, 111, 130; Physics 2A-2B; and college mathematics.

**Other general requisites:** Eight to twelve units in English, History or other Social Sciences, Modern Language, Philosophy, and Theology.

**Recommended:** Bacteriology 1, 105A; Psychology 101 or the equivalent.

**GENERAL SECONDARY CREDENTIAL WITH TEACHING MAJOR IN BIOLOGICAL SCIENCES**

The program is open to those students who plan to teach the natural sciences in the secondary schools. The course offers a five-year program leading to the degree of Bachelor of Science or Bachelor of Arts, and to the recommendation for a general secondary credential.

The subject field in which the credential is given is entitled Life Sciences. However, the degree may be obtained in Botany, Zoology, or Life Science. The specific requirements for obtaining a major or minor in any of these fields precede the course listings in each of the subsequent sections.

## Bacteriology

**Preparation for the Major:** Bacteriology 1, 11; Chemistry 1A-1B, 2A-2B, 5; Zoology 1A-1B or 24.

**The Major:** Upper division courses to include Bacteriology 103, 105, 108A, 132, 195, 198; Chemistry 112A. The remainder of the 24 units is to be selected from the following: Bacteriology 105B, 108B, 108C, 156; Botany 119, 126; Chemistry 112B, 108A, 108B; Zoology 100, 111, 122.

**The Minor:** A minimum of 18 units, of which 9-12 must be chosen from upper division Bachelor's courses with the advice of the chairman of the department.

**LOWER DIVISION**

**1. General Bacteriology. (4) I, II** Sister Margaret Marie  
 Lecture, 2 hours; laboratory, 4 hours.  
 Fundamental principles of bacteriology, including classification; morphology, cultural characteristics, biochemical activities, and genetics of bacteria; disease agents; control of microorganisms; and applied microbiology. Laboratory exercises in techniques of handling and studying bacteria.

**6. Microbiology. (2) II** Sister Margaret Marie  
 Lecture and demonstration, 2 hours. Not open to students who have had Bacteriology 1.  
 A survey of the principles and techniques of microbiology and immunology, with special emphasis on the significance of bacteria in our daily lives and as agents of disease.

**11. History of Microbiology. (2) II** Sister Margaret Marie  
 The historical development of bacteriology and allied fields. Early concepts in relation to scientific thought and development of modern methods and theories; life and works of chief contributors; social and economic forces influencing progress.

UPPER DIVISION

103. Advanced Bacteriology. (4) I Miss Zeuthen  
 Prerequisite: Course 1.  
 Lecture, 2 hours; laboratory, 4 hours.  
 The more advanced principles of the life, activities, growth and morphology of bacteria. The etiology of disease.

105A. Serology. (2) I Dr. Genrich  
 The theory of serology and immunology. Mechanisms of body defense; virulence factors of bacteria; antigen-antibody reactions; blood types; analysis of serological tests.

<sup>†</sup>105B. Serological Methods. (5) I, 11 Mr. Peterson, Miss Zeuthen  
Principles and practice of serological methods.

†107. Diagnostic Bacteriology. (4) I, II Miss Sutter  
Prerequisite: Bacteriology 103.  
Practical application of bacteriologic and mycologic theories in the isolation and identification of the etiologic agents in infectious diseases.

108A. Hematology. (3) II Dr. Genrich  
Prerequisite: Zoology 1B, or equivalent.  
Lecture, 2 hours; laboratory, 3 hours.  
Study of the normal blood development and the common types of pathological conditions.

†108B. Laboratory Methods in Clinical Hematology. (3) I, II Mr. Fukushima, Miss Zeuthen  
Prerequisite: Bacteriology 108A or equivalent.  
Practical application of hematologic theories and principles with special emphasis on the classification and differentiation of the anemias, the leukemias and leukemoid reactions.

†108C. Immunohematology. (2) I, II Miss Zeuthen, Mr. Peterson  
Blood groups; laboratory aspects of blood transfusions; laboratory methods in the study of hemolytic anemias.

\*132. Bacterial Genetics. (2) I Sister Margaret Marie  
A study of the cytological basis of bacterial genetics; nature and action of genetic material; mutation; and the transfer of hereditary traits in microorganisms.

156. Metabolism of Bacteria. (2) I Sister Margaret Marie  
Chemical activities of bacteria and other microorganisms. Nutritional requirements; enzymes; energy relationships in the synthesis and dissimilation of cellular compounds.

195. Proseminar. (2) I Staff

198. Research in Bacteriology. (2) I, II Staff

199. Special Problems. (2) I, II Dr. Genrich  
Prerequisite: Consent of the Instructor.

## Botany

**Preparation for the Major:** Botany 1A-1B; Chemistry 1A-1B. Recommended: Bacteriology 6.  
**Major:** Eighteen units of upper division work in Botany and 6 units of upper division work chosen with the approval of the department from Zoology, Bacteriology, Botany, Chemistry, Home Economics, or Mathematics.

**The Minor:** Eighteen units, 9-12 of which must be upper division courses selected with the approval of the chairman of the department.

<sup>†</sup>Veterans Administration Center.

\*Given in alternate years; to be given in 1961-62.

**LOWER DIVISION**

**1A-1B. General Botany. (4-4) Yr.** Mr. Shelton  
 Lecture, 2 hours; Laboratory and field work, 6 hours.  
 An introduction to plant science. Structures and functions of higher plants; survey of the plant kingdom; relation to environment; variation and heredity; economic uses; identification.

**UPPER DIVISION**

**102. Algae and Bryophytes. (4) I** Mr. Shelton  
 Lecture, 2 hours; laboratory, 6 hours.  
 Prerequisite: Course 1, or equivalent.  
 A study of the structure, development, and phylogenetic relationships of the principal orders of fresh-water and marine algae, and of liverworts and mosses.

**104. Morphology of Vascular Plants. (4) II** Sister Gertrude Joseph  
 Lecture, 2 hours; laboratory, 6 hours.  
 Prerequisite: Botany 1A-1B.  
 Structure, development, and phylogenetic relationships of the principal groups of ferns, fern-allies, and seed plants.

**109. Taxonomy of Seed Plants. (3) II** Mr. Shelton  
 Prerequisite: Botany 1A-1B.  
 Lecture, 2 hours; Laboratory 3 hours.  
 An introduction to the classification and systematic relationship of the vascular plants, with emphasis on the flora of Southwestern North America.

**\*119. General Mycology. (3) I**  
 Lecture 2 hours; Laboratory 3 hours.  
 A study of structure, development, physiology, phylogenetic relationships, and economic importance of the principal orders of fungi.

**126. Medical Mycology. (3) I** Miss Zeuthen  
 Lecture 1 hour; laboratory 4 hours.  
 Prerequisite: Bacteriology 1.  
 An introduction to the morphology, physiology, and taxonomy of the pathogenic fungi which cause disease in man and the domestic animals. This course is designed for students in bacteriology, parasitology, and medicine.

**\*152. Plant Physiology. (3) II** Mr. Shelton  
 Lecture and discussion, 3 hours.  
 Prerequisite: General Botany, General Chemistry.  
 Activities of living plants: diffusion, absorption, ascent of sap, transpiration, photosynthesis, nutrition, digestion, storage, translocation, respiration; principles of plant culture and crop production.

**\*153. Plant Physiology Laboratory. (2) II** Mr. Shelton  
 Prerequisite: Botany 152 may be taken concurrently.  
 Laboratory, 6 hours.

**165. Plant Ecology. (3) I** Sister Gertrude Joseph  
 Lecture, 2 hours; Laboratory, 3 hours.  
 Prerequisite: Botany 1A-1B.  
 Interrelations between plant life and environment; general principles of plant ecology and their application to chaparral, forest, grassland, and desert.

<sup>\*</sup>Given in alternate years; to be given in 1961-62.

\*166. **Plant Diseases.** (4)  
 Lecture, 2 hours; Laboratory, 6 hours.  
 Fungi and other pathogenic organism, particularly those diseases of economic plants.

\*168. **Trees of California.** (2) I Sister Gertrude Joseph  
 Lecture, 2 hours.  
 Botanical characters, classification, morphology, and identification of important California species, with particular emphasis on trees of southern California.

199. **Special Problems in Botany.** (2) Staff

## Zoology

**Preparation for the Major:** Zoology 1A-1B; Chemistry 1A-1B, 2A-2B, 5.

**Recommended.** Bacteriology 1 or 6; Physics 2A-2B.

**The Major:** Eighteen units of upper division work in Zoology and 6 units of upper division work chosen with the approval of the department from Zoology, Bacteriology, Botany, Chemistry, Home Economics, or Mathematics.

Of the 18 upper division units in zoology, at least 4 units must be taken in each of the three following groups of courses:

- Group 1: Courses 118, 130, 131, 150, 159.
- Group 2: Courses 100, 111, 111C, 122, 123.
- Group 3: Courses 106, 112, 143.

**The Minor:** A minimum of eighteen units in Zoology, 9-12 of which must be upper division course work, selected with the approval of the department chairman.

### LOWER DIVISION

1A-1B. **General Zoology.** (4-4) Yr. Mr. Sloan  
 Lecture, 2 hours; laboratory and field work, 6 hours.  
 An introduction to the facts, principles and relationship of animal biology with special references to structure, function, and relationship of animal groups.

24. **Anatomy and Physiology.** (4) I Sister Margaret Marie  
 Lecture 3 hours; laboratory, 3 hours.

51A-51B. **Human Anatomy and Physiology.** (3-3) Yr. Mr. Sloan  
 Lecture, 2 hours; laboratory, 3 hours.  
 A study of the normal structure and function of the systems of the human body.

### UPPER DIVISION

100. **Vertebrate Embryology.** (4) I Mr. Sloan  
 Lecture, 2 hours; laboratory, 6 hours.  
 Prerequisite: Courses 1A-1B, or equivalent.  
 Study of embryologic development of the vertebrate, including amphibia, chick, and mammal.

\*Given in alternate years; to be given in 1961-62.

**106. Comparative Anatomy of the Vertebrates. (4) II** Mr. Shelton  
 Prerequisite: Courses 1A-1B, or equivalent.  
 Lecture, 2 hours; laboratory, 6 hours.  
 A study of the structural relationships of the vertebrate. Dissection of the elasmobranch, amphibian, and mammal.

**107. Animal Histology. (2) II** Sister Gertrude Joseph  
 Lecture, 2 hours.  
 A study of mammalian tissue.

**111. Parasitology. (3) I** Mr. Sloan  
 Prerequisite: Zoology 1A.  
 Lecture and demonstration, 3 hours.  
 A course covering the field of morphology, habits and life history of animal parasites and their relation to diseases of man.

**†111C. Parasitology. (1) I, II** Miss Sutter, Miss Zeuthen  
 Application of clinical laboratory methods in parasitology for observation and identification of parasites of man.

**112. Advanced Invertebrate Zoology. (4) I** Mr. Shelton  
 Prerequisite: Course 1A-1B.  
 Lecture, 2 hours; laboratory and field, 6 hours.  
 Morphology, habits, habitats, and life histories of both marine and fresh water invertebrates, with special references to local fauna.

**\*118. Endocrinology. (2) II** Sister Gertrude Joseph  
 Prerequisite: Course 1A, or equivalent.  
 Lecture and demonstration, 4 hours.  
 A study of the ductless glands.

**†123. Histological Technique. (3) I, II** Dr. Gleason  
 The preparation of tissue for microscopical examination.

**130. Introductory Genetics. (2) II** Sister Margaret Marie  
 Lecture, 2 hours.  
 The principles of heredity and their bearing on reproduction and evolution.  
 Prerequisite: Course 1A-1B or equivalent.

**131. Introductory Genetics Laboratory. (2) II**  
 Prerequisite: Zoology 130 may be taken concurrently.  
 Laboratory, 4 hours.

**143. Biology of the Warm-Blooded Vertebrates. (2) I** Sister Gertrude Joseph  
 Lecture and discussion, 3 hours.  
 Prerequisite: Courses 1A and 1B, or equivalent.  
 The ecology, physiology, distribution, behavior and systematics of birds and mammals.

<sup>\*</sup>Given in alternate years; to be given in 1961-62.

<sup>†</sup>Veterans Administration Center.

**\*150. Introduction to General Physiology. (4) I**

Lecture, 2 hours; laboratory, 6 hours.

A study on the physical and chemical properties of protoplasm; osmotic relations and permeability of living cells; physiological action of ions and principles of enzyme action.

Prerequisite: Course 1A-1B or equivalent; Chemistry 1A-1B.

**\*159. Clinical Physiology. (3) II**

Miss Zeuthen

Prerequisites: Chemistry 112A; Zoology 1A-1B or equivalent.

Lecture, 2 hours; laboratory, 3 hours.

A study of the fundamental metabolic processes of the body in health and disease; the principles and methods involved in the chemical analysis of body fluids.

**198. Biological Research. (2-2) I, II**

Staff

**Life Science**

**Preparation for the Major:** Life Science 1A-1B or equivalent; Chemistry 1A-1B or 4.

**The Major:** Life Science 160; Botany 104; Zoology 112, 143; and 6 units chosen from each of the following groups: Zoology 100, 106, 111, 130, 131, 150.

Botany 102, 152, 153, 165, 168.

**Recommended:** Bacteriology 1 or 6; Physics 2.

**1A-1B. General Life Science. (4-4) I, II**

Mr. Shelton

Lecture, 3 hours; laboratory and demonstration, 2 hours.

An integrated year-course designed to present the major, fundamental concepts of botany, zoology, and physiology.

**160A-160B. Studies in Natural History. (3-3) I**

Mr. Shelton

This course is planned for the students who wishes to study a specific phase in life science.

**195A-195B. Proseminar: Reading List. (2-2) Yr.**

Staff

**370. Methods and Materials for Teaching Life Science. (2)**

Sister Gertrude Joseph

**DEPARTMENT OF CLASSICAL LANGUAGES**

Sister Mary Germaine, Chairman

Robert Buckenmeyer

The department strives to give the student a basic knowledge of the classical languages to enjoy the masterpieces of antiquity in the original, and to develop an appreciation and critical approach to classical civilization as a part of a liberal education, or as a preparation for work leading to an advanced degree or for teaching in high school.

**Latin**

**Preparation for the Major:** Latin 1, 2, 3, 4, or equivalent; 16, 17, 30 and 45.

**Academic Major:** Twenty-four units of upper division courses including Latin 104A-104B, 106 and 128.

**Teaching Major:** Students preparing to teach Latin in high school are advised to include in their program Latin 30A and 128AB.

\*Given in alternate years.

**Academic Minor:** Eighteen units of Latin of which 9-12 must be in upper division courses including Latin 104A, 106 and 128.

**Teaching Minor:** Twenty units of Latin of which 12 must be in upper division courses including Latin 104A, 106B and 128A.

**Recommended:** Greek 1A-1B and History 111-112.

#### LOWER DIVISION

1-2. **Elementary Latin.** (3-3) Yr. Mr. Buckenmeyer  
Fundamentals of the Latin language and reading of easy selections from Latin literature. For students who have had no study of Latin.

3-4. **Intermediate Latin.** (3-3) Yr. Mr. Buckenmeyer  
Prerequisite: Latin 1-2 or two years of high school Latin.  
Review of grammar. Selected reading from Caesar, Cicero, Vergil and Ovid. This course satisfies the language requirement.

\*16. **The Latin Essay.** (3) II Sister M. Germaine  
Form and content of Cicero's **De Amicitia**; comparison with the **De Spirituali Amicitia** of Aelred of Rievaulx.

27. **Roman Comedy.** (3) II Mr. Buckenmeyer  
Plautus, **Captivi** and Terence **Phormio**. Development of Graeco-Roman comedy.

\*30 or 130. **Latin Letters.** (3) I Sister M. Germaine  
A. Cicero      B. Seneca      C. Pliny      D. St. Jerome  
Selected letters from the above authors together with the political and social life of the period represented.

45 or 145. **Christian Latin Writers.** (3) I Mr. Buckenmeyer  
A. Selected authors      B. St. Augustine: **Confessions**  
Writers of the patristic age.

#### UPPER DIVISION

104A-104B. **Latin Composition.** (2-2) Yr. Sister M. Germaine  
Study of sentence structure, idioms, and style through translation of prose selections into Latin.

\*106. **Roman Historians.** (3) Sister M. Germaine  
A. Livy      B. Caesar      C. Sallust      D. Tacitus  
Roman historical writing as represented by the above authors; main historical events of the period represented.

128. **Roman Poetry.** (3) Sister M. Germaine  
A. Epic: Vergil      B. Lyric: Horace      C. Elegiac: Propertius, Catullus, Ovid  
D. Satire: Horace, Juvenal  
Development of selected types of Latin poetry.

\*156. **Roman Philosophical Writers.** (3) Sister M. Germaine  
A. Lucretius      B. Cicero      C. Seneca  
Principal systems of Greek philosophy and their influence on Roman thought.

\*Offered in 1961-62.

185. Introduction to Medieval Latin Studies. (3) Sister M. Germaine  
 Development of medieval Latin syntax, vocabulary and morphology based upon selections from representative medieval writers. Offered as needed.

187. Medieval Latin Poetry. (3) Sister M. Germaine  
 Development of medieval Latin poetry based on important poets of selected periods. Offered as needed.

370. The Teaching of Latin. (2) Sister M. Germaine

**Greek****LOWER DIVISION**

1-2. Elementary Greek. (3-3) Yr. Mr. Buckenmeyer  
 Essentials of Greek grammar, syntax, inflections, and vocabulary. Translation and easy composition. Offered upon request.

3. Xenophon: Anabasis. (3) Mr. Buckenmeyer  
 Prerequisite: Greek 1-2.  
 Selections, translation and syntax. Offered upon request.

**DEPARTMENT OF DRAMA**

Mr. Dale O'Keefe (Chairman)

Marjorie Morton

The Drama Department seeks to give students a deeper penetration and understanding of life through dramatic literature, enabling them to express themselves creatively in the dramatic art form both through the medium of stage performance and writing.

In addition, the major prepares students for a professional career in drama, or as teachers and directors in the field of dramatic arts.

**Preparation for the Major:** Drama 1, 2, 5, 28, and 59 (2 units).

**The Major:** Drama 128, 150, 158, 159 (6 units with minimum of 1 unit per semester), and English 114 and 117. Electives are chosen under direction according to the major emphasis.

The Major, Plan A, for actors, directors and teachers, must include Drama 111, and 112.

The Major, Plan B, for writers, must include Drama 107 and 157 as well as English 106. Plan B majors may substitute elective for Drama 1.

**The Minor in Drama:** English 1A-B, 2A-B, either Dr. 1 Voice and Diction or Dr. 2A Acting Technique, and Dr. 28 Stagecraft; 9 to 12 upper division units including Dr. 128, Dr. 150 and 157 or Dr. 157 A&B.

**LOWER DIVISION**

1. Voice and Diction. (3) I Mrs. Morton  
 Development of the speaking voice, correct enunciation and articulation. Poise and bodily expression for speech.

2A-2B. Acting Technique. (3-3) Yr. Mr. O'Keefe  
 Fundamental stage technique for the actor.  
 Approach and study of the role, development of character and characterization for the stage with emphasis on the creative individuality of the student.

5. Theatre Appreciation. (1) I, II Mrs. Morton  
 An introductory study of the theatre toward greater appreciation of the play, the actor, the theatre building, and the development of staging and scenic devices.

8. Make up. (1) I Mrs. Morton  
A course designed to instruct the individual students in the application of make up for personal grooming as well as theatrical make up for the various media.

28. Stagecraft. (2) II Mrs. Morton  
An historical survey of the principles of set design, scenery construction, and lighting. Practical work on college productions.

59A-59B. Theater Workshop. (1-3) Yr. Staff  
Participation in play production. Open to students of all departments.

#### UPPER DIVISION

107A-107B. Dramatic Writing. (3-3) Yr. Mr. O'Keefe  
Analysis of the dramatic structure. Technique and practice of creative writing for stage and television.

111. Interpretative Reading. (3) II Mrs. Morton  
The technique of oral interpretation of literature.

112A-112B. Advanced Acting. (2-2) Yr. Mr. O'Keefe  
Interpretation of the role and creation of character. Historical study of styles of acting of the theatre and presentation of scenes from the Greek, Shakesperean, Restoration, and Modern Drama. 2A-2B or consent of the instructor is a prerequisite for this course.

\*128. Play Production. (3) I Mrs. Morton  
A study of the technical aspects of production. Prerequisite Drama 28, Drama 59, or consent of the instructor.

\*150. Directing. (3) I Mr. O'Keefe  
A workshop course for both the actor and director, including director-actor relationship and directing technique, composition, picturization, pantomimic dramatization, movement, and rhythm.

157A-B. Creative Dramatics. (3-3) Yr. Staff  
Seminar and laboratory course for the actor, director, writer, and teacher. Dramatic improvisation for use in grade and secondary schools. Development of dramatic dialogue and scenes, utilizing both children and adults. Staging of school plays and pageants.

\*158. Play Production and Direction. (3) II Staff  
Production procedure and rehearsal. Directing scenes and short plays. Lecture two hours, rehearsal laboratory—two hours. Drama 128 and 150 prerequisites.

159A-159B. Theater Workshop. (1-3) Yr. Staff  
Participation in play production. Open to majors of all departments.

<sup>\*</sup>Given in alternate years; to be given in 1961-62.

## DEPARTMENT OF ECONOMICS AND BUSINESS ADMINISTRATION

Sister Catherine Therese (Chairman)

Mr. Charles Ervin

### Section 1: Economics

Courses in Economics train students: 1. to understand modern economic life and to help form sound policies based on Catholic socio-economic principles; 2. to enter business, law, the labor movement, teaching and government service at home or abroad.

**Preparation for the Major:** Required: Econ. 1 and 2. Recommended: Bus. Adm. 1A-1B and an introductory course in sociology and political science.

**The Major:** Eighteen to 24 units in upper division courses. Required: Econ. 100A-100B, 112, 113, 140. Recommended: Bus. Adm. 105, 160; Soc. 101; Pol. Sci. 101.

**The Minor:** A total of at least 18 units, 9 to 12 of which must be in upper division courses. Required: Econ. 1 and 2.

#### LOWER DIVISION

1. **Principles of Economics.** (3) I, II

Sister Catherine Therese

Survey of the basic principles of the American private-enterprise system with emphasis on national income, employment, money and banking, fluctuations, economic growth, markets, and the price system. Designed as the first half of the basic course required of economics and other social science majors and the complete course for certain other majors.

2. **Principles of Economics.** (3) II

Sister Catherine Therese

A continuation of Econ. 1 emphasizing the distribution of income, taxation and public expenditures, the international economy and comparative systems.

#### UPPER DIVISION

\***100A-100B. Intermediate Economic Analysis.** (3-3) Yr.

Theory of consumer choice, cost of production and exchange; market structures; national income; wages, rent, interest, and profits.

101. **Principles of Economics.** (3) I

Sister Catherine Therese

Designed for non-economics majors. Content as in Econ. 1. Not open to students with credit for 1 and 2.

108. **Reconstruction of Social Order.** (2 or 3) I, II

Sister Catherine Therese

Economic and social reconstruction of society as set forth in the encyclicals **Rerum Novarum** and **Quadragesimo Anno** and current literature.

112. **Economic History of Europe.** (3) I

Sister Catherine Therese

Economic development from the Middle Ages to the present with emphasis on the impact of the commercial and industrial revolutions in England, France and Italy.

\*To be given in 1961-62.

113. Economic History of the United States. (3) II Sister Catherine Therese  
Economic development in agriculture, industry and commerce from the colonial period to the present.

\*117. Business Fluctuations. (3) I  
History and analysis of trade cycles and their causes; indices and forecasts of economic conditions; policies and proposals for economic stability.

\*125. Government and Business. (2) II  
The role of government in shaping and directing business and economic life.

\*131. Public Finance. (3) I  
Income and expenditure of the federal, state and local governments; theories of tax incidence; methods and objects of fiscal policy; nature and implications of the public debt.

\*135. Money and Banking. (3) II  
Nature and functions of money and banking and their historical development in the United States.

140. Statistics.  
cf. Soc. 140.

\*144. Personal Finance. (3) II  
Budgeting, investing and insuring for the individual and family; credit and installment buying; wills, trusts and estates; the effects of inflation and taxation.

\*150. Labor Economics. (3) I  
A study of the organizations of labor and business and the collective-bargaining relationship between them; the impact of unionism on the economy.

\*152. Social Insurance. (3) II  
Programs providing security against sickness, accident, unemployment, old age, disability and death.

\*195. International Trade. (3) I  
The general principles and mechanisms of international trade; foreign exchange, tariff policies, exchange controls, comparative costs, and the balance of payments.

## Section 2: Business Administration

Courses in Business Administration train students for positions as accountants, buyers, and administrators, and offer practical, complementary electives for students of economics.

**The Minor:** A total of at least 18 units, 9 to 12 of which must be in upper division courses.  
Required: Bus. Adm. 1A-1B and Econ. 1. Recommended: Econ. 2 and 108.

\*To be given in 1961-62.

## LOWER DIVISION

1A-1B. Principles of Accounting. (3-3) Yr. Mr. Charles Evin

A study of the principles of accounting and the methods of modern accounting practices as applied to the single proprietorship, the partnership, and the corporation.

## UPPER DIVISION

\*105. Business Law. (3) I

A study of law in its relationship to business. Essentials of the law of contracts, sales, agency, negotiable instruments, bailments, and property.

\*120. Advanced Accounting. (3) I

Corporation accounting theory and analysis of balance sheets and profit and loss statements; accounting problems in liquidation and consolidation.

150. Personnel Management. (3) II

Mr. Charles Evin

Principles and methods of acquiring and maintaining a competent, cooperative working force; personnel selection, placement, training, promotion, wage incentives, absenteeism and counseling.

160. Marketing. (3) I

Mr. Charles Evin

A survey designed to give a basic understanding of marketing methods, institutions, and practices. The problems of retailing, wholesaling, cooperative marketing, pricing, and marketing costs are defined from the standpoint of the consumer, the middleman, and the manufacturer.

\*161. Principles of Merchandising. (3) I

Techniques of buying and stock planning and control; methods of inventory valuation, pricing for resale, markups and sales.

\*162. Problems in Merchandising. (3) II

Application of the principles of buying and selling, especially in the retailing of clothing, textiles and home furnishings.

\*To be given in 1961-62.

## DEPARTMENT OF EDUCATION

Sister Rose de Lima (Chairman)

Doris Schiffleia

Sister Margaret Clare

F. Roman Young

Mrs. Beth Carpenter, Principal, and Staff of Brentwood Elementary School.

Mr. Richard H. Nida, Principal, and Staff of Hamilton High School.

Mrs. Helen Jewett Rogers, Principal, and Staff of Louis Pasteur Junior High School.

The Department of Education offers a program designed to develop in the students professional competency. This professional preparation combines theory and practice and is based on a strong foundation in the liberal arts. Thus, the teacher education program is the responsibility of the whole college.

The curricula offered satisfy the requirements for the following credentials: General Elementary, General Secondary, and Special Secondary in music. Programs leading to the Master of Arts and the Master of Science in Education are also offered.

Provisions are made for students to fulfill the course in supervised teaching in the public schools of the city of Los Angeles, at the elementary level in Brentwood Elementary School, and at the secondary level at the Louis Pasteur Junior High School and the Hamilton High School.

### Admission to the Teacher Education Program

Students wishing to enter the teacher education program are asked to make application in writing at the beginning of the second semester of the sophomore year in college.

A screening committee made up of members of the education department reviews the data submitted by the student. Judgment is based on information giving evidence of:

(1) **Academic Achievement**

Transcript of college work completed to date should show satisfactory pattern of courses and scholarship of a higher grade than that required by the college for all students.

(2) **Health**

Evidence presented from the Student Health Service should indicate that the applicant has the health requisite for teaching.

(3) **Basic Skills**

Students are required to pass an examination measuring the mastery of the basic skills of reading, arithmetic, language, handwriting and spelling.

(4) **Personal Fitness**

Evidence of personal fitness for teaching is based on information on specified points submitted by faculty members who know the applicant.

The committee may accept, reject or place the student on probation.

Admission to the teacher education program is but the first step in screening which is a continuous process. Periodic evaluations are made based on data submitted by instructors, supervising teachers, and other persons who are in a position to know the student. Dismissal from the program is based on a just cause and is made only after careful counseling.

**Curricular Requirements For Each Credential****GENERAL ELEMENTARY**

Prospective candidates for the general elementary credential should consult each semester the advisor in the Department of Education before filing study cards.

**Requirements:****1. Bachelor's Degree:**

- a. The general education requirements for the bachelor's degree prescribed for all students.
- b. Other courses required for the credential include: Art 42, P.E. 27, P.E. 44, Phys. Sci. 1, Music 3, P.S. 1 or P.S. 111.

**c. The Major:**

The candidate for the general elementary credential may fulfill the requirements for the degree in a major field of study in one of three ways:

(1) A departmental major.

(2) A candidate presenting a major not in the approved list must complete two approved 12 unit sequences, each of which must consist of courses appropriate to the elementary school curriculum. This requirement may be met in the lower division but English 1A-1B is not acceptable as part of an English sequence.

(3) Completion of an acceptable general major consisting of 36 upper division units selected from the Arts and Science list of courses and advised by the Chairman of the Department of Education.

**2. Professional courses: Education 100, 111, 119, 134, 139A, 139B, 139C, 147, 171, 330, 335A-B; Art 330 and Music 330.****3. Standards:**

- a. A grade of C or better should be maintained by all candidates for the general elementary credential.
- b. All upper division courses are to be taken in residence in institutions accredited to offer such courses.

**GENERAL SECONDARY CREDENTIAL****Requirements:****1. Admission to credential status:****1. Bachelor's degree**

a. The major and minor must be in fields commonly taught in California senior or four-year high schools, or a major in a field not commonly taught and 2 minors in acceptable teaching fields.

b. Mount St. Mary's College is authorized to recommend for the general secondary credential in the following fields as they are interpreted by the California State Department of Education:

(1) Social studies

(2) Life Sciences and general science

- (3) Physical sciences and general science
- (4) English
- (5) Foreign languages
- (6) Mathematics
- (7) Music

2. A scholastic average of C+ or better, must be maintained during the undergraduate program; an average of B— or better is required in the postgraduate program.
- \*\*3. The completion of 40 semester hours of general education.

## II. Postgraduate Program

1. A year of work in credential status comprising not less than 30 units of approved upper division and graduate courses.
2. The completion, prior to the degree, of Educ. 170 and 171; subsequent to the degree, the completion of Educ. 147, 172, 270A-270B, 370, G377; 6 units of graduate and upper division courses in the major, and \*Major Department 370.

## SPECIAL SECONDARY IN MUSIC

### Requirements:

1. B.M. degree.
2. Courses in Education 170, 171, 172, Mu. 370, M377.

Students with a B.M. degree who wish to apply for a general secondary credential may consider music as the major, but must complete a 20 unit minor in another subject field (not necessarily upper division courses) as long as there is a sequence of related courses in a field.

## Graduate Program in Education

For specific information concerning the graduate program in education, consult the Bulletin of the Graduate School.

## Education

### UPPER DIVISION

100. School in the American Society. (3) II Sister Margaret Clare  
An introductory course aimed to acquaint students with the heritage of the past as well as to prepare them to understand the important role of education in the present. Designed to give an overall view of the field with special emphasis on the sociological importance of education particularly in our society. Open to second semester sophomores.

\*Educ. 370 is a prerequisite for Maj. Dept. 370 or it may be taken concurrently.

\*\*Courses distributed according to the directive of the California State Department of Education.

**111. Growth and Development of the Child.** (2) I Sister Margaret Clare  
A unified picture of the behavior to be expected of children of elementary school age; a study of the physical, mental, social and moral growth and development of the child. A minimum of one hour per week observation, and sequential reports are required.

**119. Educational Measurement.** (2) II Mr. Young  
A study of the measurable differences between individuals; the construction, administration, scoring, and interpretation of various kinds of tests.

**134. Children's Literature.** (2) II Sister Margaret Clare  
A course designed to develop appreciation for, and wide experience in children's choices of books at various age levels. A study of the literature and artist-illustrators, as well as every type of book a child enjoys. Cf. English 134.

**138A. Language Arts in the Elementary Curriculum.** (2) II Sister Margaret Clare  
A course for in-service teachers presenting the language arts as an integrated program with special emphasis on modern methods and techniques for developing the basic reading skills.

**138B. Arithmetic in the Elementary Curriculum.** (2) I Sister Margaret Clare  
A course aiming at presenting an understanding of the psychological and mathematical foundations of the modern arithmetic program. A study of the most effective means of developing and maintaining the mathematical skills and problem solving abilities.

**138C. Social Studies and Science in the Elementary Curriculum.** (2) II Sister Margaret Clare  
A course for in-service teachers interpreting the role of social studies and science in the elementary program with special emphasis on the values inherent in and procedures followed in the unit of work method.

**139A. Language Arts in the Elementary Curriculum.** (2) I Miss Schiffleia  
A study of the modern techniques and principles in the teaching of reading and oral and written expression. Prerequisite: Successful attainment of competencies in language arts skills as evidenced by required tests.

**139B. Arithmetic and Science in the Elementary Curriculum.** (2) I Sister Margaret Clare  
A study of the objectives, content and modern techniques of presenting arithmetic and science in today's elementary school. Prerequisite: Successful attainment of mathematical competencies as evidenced by required tests.

**139C. Social Studies in the Elementary Curriculum.** (2) II Miss Schiffleia  
A study of the principles and techniques of teaching social studies in the modern elementary school. Course to be taken concurrently with Education 330.

**139D. Foreign Language in the Elementary School.** (2) I Sister Eloise Therese

**147. Audio-Visual Education.** (2) II Sister Margaret Clare  
A course designed to teach the sound psychological basis for the use of Audio-Visual materials, the techniques and procedures in using them that will result in most effective learning, criteria for the selection of these materials, and finally, practice in the operation of the machines needed for an adequate audio-visual program.

**170. Philosophy and Principles of Secondary Education. (3) I Sister Rose de Lima**

An evaluation of current philosophies of education; a survey of the historical development of the American secondary school and the principles upon which it was founded; the place and function of the modern American high school as an integral part of the democratic social structure.

**171. Educational Psychology. (3) II Sister Rose de Lima**

A study of the nature of mental changes and the conditions associated with learning; designed to equip the student to analyze educational problems psychologically, and to apply this knowledge for the improvement of teaching-learning situations.

Prerequisite: Philosophy 6.

**172. Guidance of the Adolescent. (3) I Sister Rose de Lima**

Principles for the training and guidance of the adolescent derived from a Christian interpretation of reliable data of experimental studies regarding physiological, emotional, mental, and moral growth and development; guidance techniques include a testing program and basic statistical procedures.

**\*270A. Secondary Education: Seminar. (2) I Mr. Young**

A critical analysis of contemporary social problems and their impact upon secondary education and, in particular, the role of the teacher-educator.

**\*270B. Secondary Education: Seminar. (2) II Mr. Young**

A seminar paralleling student teaching assignments in public secondary schools. Directed research deals with specific problems which stem from the needs of the student teacher.

**PROFESSIONAL COURSES****SUPERVISED TEACHING: Preparatory Courses****330. Observation and Participation. (2) II Miss Schiffleia**

Classroom experiences in a public elementary school and weekly seminar class. Preparation for and evaluation of observation and participation activities on different grade levels and in different areas of study.

**G370. Introduction to Secondary Teaching. (3) I Mr. Young**

Prerequisite: Regular graduate status, Ed 170, 171, 172.

This course must be taken prior to student teaching. It consists of a study of the secondary curriculum with special emphasis upon teaching methods, observation, and a general orientation of the student to the school in which he will do his student teaching.

**SUPERVISED TEACHING: In Cooperating Schools****E335A-E335B. Supervised Teaching: Elementary. (4-4) I, II Miss Schiffleia  
Brentwood School Faculty**

\*270A-270B, restricted to candidates for the general secondary credential

Prerequisites: Senior standing, Education 139A, 139B, 139C, 330; Physical Education 27.

Participation and practice in working with and instructing children in the elementary school. Experience is given on different grade levels. Conferences with teachers and supervisor accompany this work. A weekly seminar for the students is included.

**G377. Supervised Teaching: General Secondary. (6) II**  
Mr. Young and Hamilton High School Faculty  
Louis Pasteur Junior High School Faculty  
Prerequisite: Credential status; Education 172, 170, 171, 370.  
Consists of participation in the instructional activities of two high school classes for one semester, and required conferences.

## **DEPARTMENT OF ENGLISH**

Sister Marie de Lourdes

Sister St. George

Sister M. Laurentia

Sister Thomas Bernard

Sister Patricia Clare

Sister Mary Patricia (Chairman)

Daphne N. Bennett

The English Department aims to prepare students to meet adequately and effectively the requirements of social communication, and to lead them to an enduring appreciation of the aesthetic values of the best literature.

The examination in Subject A must be passed before entrance into any course in college English. English 5, Literary History of England, is a prerequisite for majors. This course is also recommended for English minors.

**The Academic Major in English:** A minimum of 28 upper division units in English including 100, 106, 117, 130, 155, and electives under direction, to provide both breadth and depth of literary study. Under this plan students must complete a substantial creative or critical project before March 1 of the senior year and take a comprehensive examination which includes the Advanced test in Literature from the Graduate Record Examination. This plan aims to prepare students for a continued interest in literature either informally in their lives or formally in graduate study or teaching at the secondary level or beyond. In addition to requirements secondary teachers are strongly recommended to take Eng. 110, 125 or 126, 153, and at least three age courses. They should also have Speech 111 and a course in either drama or journalism.

**The Elementary Teaching Major in English:** A minimum of 24 upper division units in English including 106, 117, 130, 155, 197, and electives which may include 134 and Speech 111. The comprehensive examination is optional under this plan which aims to prepare students for the elementary teaching credential. Students who elect this plan will be recommended for graduate study in English only if they take and pass the comprehensive with a grade of B or better, and if they complete upper division requirements as listed in the academic major.

**The Teaching Minor in English:** Students in secondary education whose minor is English must have at least 12 upper division units including the following: Eng. 106, 117, 130 and 155. English 110 is strongly recommended.

**The Non-teaching Minor in English:** Nine to 12 units including Eng. 117, 130, 155 or others at the direction of the chairman of the department.

#### LOWER DIVISION

**Subject A. Essentials of Grammar and Composition. (No Credit)**

Required of all students who fail the entrance examination in English. Offered upon request for a sufficient number of students at a stated fee.

**1A-1B. Freshman Composition. (3-3) Yr. Staff**

Introductory course. Required for graduation and prerequisite to all other courses in English. Techniques and practice in clear, direct prose communication, critical reading. Introduction to research writing and literary types. 1B includes study of **The Divine Comedy**. Students who prove superior in 1A are invited in 1B to join a special Honors Seminar which offers increased opportunity for critical reading, writing and research.

**3. English for Foreign Students. Yr. Staff**

Tutoring in the elements of written and spoken English for students whose knowledge of English is insufficient for English 1A.

**4A-4B-4C-4D-4E. Introduction to Masterpieces of World Literature. (2-2-2-2) Yr. Staff**

A study of some of the great books of the ages. Any two of the following five courses are required of all students.

**4A Epic and Drama**

The great epics and selected Greek drama

**4B The Bible as Literature**

Literary forms of the Old and New Testament

**4C Eastern and European Masterpieces**

**4D English and American Masterpieces**

**4E Shakespeare Survey**

**5. Literary History of England. (2) I Sister Patricia Clare**

A broad survey of the main periods, writers and important works of English literary history. Required of English majors.

**31. Elements of Journalism. (2) I Sister Thomas Bernard**

A broad course in journalism and news writing. Laboratory work on the college newspaper for 1-2 units.

#### UPPER DIVISION

**100. Selected Reading. (1) Yr.**

A list of outstanding literary works from the 16th through the 20th century for independent reading. May be begun in the second semester of the sophomore year.

**101. Modern Writers. (1) Yr.**

A series of one-unit, single-author courses designed to acquaint both English and non-English majors with the better prose and poetry of the last century.

**106A-106B. Creative Writing. (3-2) Yr.** Sister Marie de Lourdes  
Advanced course in creative writing, including instruction in the writing of essays, short stories, and poetry.

**110. Introduction to the English Language. (3) I** Sister St. George  
Introduction to phonetic and historical development of English. Studies in word formation and radiation of meaning.

**114. Study of the Drama. (3) II** Sister Patricia Clare  
Principles of drama from the beginning to the present. Reading of representative dramas.

**117. Shakespeare. (2) I. II** Daphne Bennett

**125. Study of the Novel. (3) I** Sister Mary Patricia  
Chronological reading and analysis of representative novels from early examples of the form to contemporary developments.

**\*126. The Short Story. (3) I** Sister Marie de Lourdes

**130A-130B. American Literature. (3-3) Yr.** Sister Patricia Clare  
A survey of American Literature. 130A: Beginning to 1860; 130B: 1860 to the present. Emphasis on works of enduring worth as literature.

**134. Children's Literature. (2) II** Sister Margaret Clare  
May be counted as part of the units in education required for the elementary credential. Cf. Educ. 134.

**137. World Literature. (2) II** Sister Patricia Clare  
An intensive study of selected masterpieces of world literature exclusive of English and American literature.

**151. Chaucer. (2) I** Sister M. Laurentia  
Reading in the poetry of Chaucer, principally the Canterbury Tales, and Troilus and Criseyde. This course may be taken for graduate credit.

**\*152. Middle English Literature. (3) II** Sister Thomas Bernard  
Readings in selected prose and poetry of the medieval period.

**\*153. Study of Poetry. (3) II** Sister Mary Patricia  
A study of poetry, principally English and American, with emphasis upon principles of structure and aesthetic evaluation.

**155. Introduction to Literary Theory and Criticism. (3) I** Sister M. Laurentia  
An introductory study examining the more important theories of literature from the times of Plato and Aristotle to our own day, combined with practice in the techniques of analysis and literary criticism.

\*Given in alternate years; to be given in 1961-62.

\*156. **The Age of Elizabeth.** (3) I Sister Thomas Bernard  
A study of the principal non-dramatic prose and poetry of the English Renaissance, exclusive of Shakespeare.

157. **The Seventeenth Century.** (2) II Sister St. George  
Readings in the important literary works, prose and poetry, of the seventeenth century, emphasis on Milton and Donne.

167. **The Eighteenth Century.** (3) II Sister St. George  
A survey of the historical background and literature of the century with chief emphasis upon Dryden, Pope and Johnson.

177. **The Romantic Period.** (3) I Sister Marie de Lourdes  
A study of the development of Romanticism in English literature in the first part of the nineteenth century from 1784-1832.

\*187. **The Victorian Period.** (3) II Sister Mary Patricia  
A study of the major prose and poetry of the second part of the nineteenth century from 1832-1892. This course may be taken for graduate credit.

188. **Dante. The Divine Comedy.** (3) II Sister Mary Patricia  
A close reading of *The Divine Comedy* as a work of literary art with emphasis on structure and symbol. This course may be taken for graduate credit.

\*190. **Contemporary Literature.** (3) II Sister M. Laurentia  
Intensive reading of English and American Literature since 1890. This course may be taken for graduate credit.

195. **Honors Course.** (1-3) I, II Staff  
Intensive and independent study in a field of special interest. Open to selected English majors in the senior year or second semester junior year with the consent of the department chairman and of the instructor concerned.

197. **Senior Survey.** (2) II Sister Marie de Lourdes

\*Given in alternate years; to be given in 1961-62.

## DEPARTMENT OF HEALTH, PHYSICAL EDUCATION AND RECREATION

Janet Ervin

Katherine Goldsmith (Chairman)

The department of Health, Physical Education and Recreation offers the student a program designed to encourage sound health habits and to develop physical efficiency, through regular participation in a variety of recreational sports and an intelligent use of leisure time.

Physical education 26 is required of all students for 4 semesters. A student may take more than 4 semesters, but may not take more than one course for credit in one semester. Taking more than one course in one semester fulfills only one semester of the requirement.

### The Major and Minor

The major and minor programs in physical education are intended to give students a basic education in the fundamentals of the field, and yet allow them time for extending their knowledge and interests in other areas of learning. Within the major program there will be opportunity for emphasis in dance, therapy and corrective physical education, and recreation in addition to teaching.

Major and minor students will be required before graduation to obtain Senior Life Saving and Standard First Aid certificates, and to pass skills tests in the following activities: archery; badminton; basketball; folk, square, and modern dance; golf; gymnastics; swimming; softball; tennis; volleyball. They will be expected to continue gaining skills and experience in activities by taking Physical Education 26 in all four years of college.

Experience in leadership in day or resident camps, scouts, CYO, or neighborhood centers will be required for at least two summers.

**Preparation for the major:** Zoology 51AB, Chemistry 4, Physical Education 27, 29, 44,  
**The major:** Physical Education 101A, 101B, 102, 103AB, 125AB, 140, 145, 150.

**The minor:** Physical Education 27, 29, 44, 130AB, 135AB.

The major consists of at least 30 units and the minor of at least 18 units in physical education exclusive of course 26.

### LOWER DIVISION

**26A. Freshman Physical Education Activities. (½)** Staff  
Required of all freshmen.

Understanding and participation in the fundamentals of basic movement and development of skills in sports and dance.

**26B-26C-26D. Physical Education Activities. (½-½-½)** Staff  
Required of all students for 3 semester in addition to 26A.

A student may take more than 4 semesters but may not take more than one course for credit in one semester. Taking more than one course in one semester fulfills only one semester of the requirement.

All students must pass a swimming skills test given by the department. If unable to pass this test they must register for at least one semester of swimming.

Archery	Life Saving & Water Safety
Badminton	Synchronized Swimming
Bowling	Slim and Trim
Golf	Tennis
Horseback Riding	Volleyball
Dance	Swimming—B.g., Inter., Adv.
Modified Physical Education	

27. **Games and Rhythms for the Elementary School.** (2) II Mrs. Ervin  
A study of elementary school physical education, including rhythms and games commonly used. Designed to develop an understanding of the physical education needs of the elementary school child. (1 hour lecture, 2 hours lab)

29. **Introduction to Health, Physical Education and Recreation.** (2) 1 Miss Goldsmith  
Introduction to the principles and aims in the fields of health, physical education and recreation, and the part they play in modern education; survey of the vocational opportunities available in each field.

44. **Personal and Community Health.** (2) I Sister Albert Mary  
Fundamentals of healthful living designed to provide scientific health information and to promote desirable attitudes and practices.

#### UPPER DIVISION

\*101A. **Kinesiology.** (3) Miss Goldsmith  
Prerequisite: 51AB  
A study of joint and muscle function, and mechanical principles of human motion. Analysis of fundamental movements, posture, and physical education skills.

\*101B. **Applied Physiology.** (3)  
Prerequisite: Zoology 51AB  
The application of human physiology to the problems of health and physical education. The physiology of exercise, fatigue, coordination, nutrition and other topics related to the field.

\*\*102. **Adapted and Corrective Physical Education.** (2) Miss Goldsmith  
Basic body mechanics, exercise, and the adaptation of activities to individual needs.  
(Previous number—158)

\*103. **Advanced Adapted Physical Education.** (2)  
Prerequisite: 102  
Detailed analysis of remedial exercise, study of prevalent disabilities, organization of adapted programs.

130AB. **Methods of Teaching Sports.** (3-3) Staff  
Analysis of skills and techniques in individual, dual, team sports, gymnastics and aquatics. Understanding of rules, methods of presentation.

\*Given in alternate years; to be given in 1961-62.

\*\*Will be offered upon request.

**\*\*131. Advanced Aquatics. (1) II** Miss Goldsmith  
Prerequisite: 130AB  
Methods of teaching advanced swimming and diving; synchronized swimming.

**135. Foundations in Physical Education. (2-2)** Miss Goldsmith  
Prerequisite: 130AB  
History, principles, organization of physical education. Analysis of programs in physical education.

**140. Recreation. (2) II** Miss Goldsmith  
A survey of recreation designed to develop an understanding of the field. Exploration of a variety of recreational activities and examination of the agencies involved.

**\*141. Recreation for the Exceptional. (2)**  
Recreational activities suitable for exceptional children and adults. Adaptation of activities to hospitals and rehabilitation centers.

**\*\*145. Health Education. (3)**  
A study of the principles and methods of instruction as applied to health teaching of individuals and groups, with emphasis on the knowledge of resources, planning and organization of health teaching programs.

**146. Family Health. (2)** The Nursing Faculty  
cf. Nursing 146

**150. Dance Materials and Techniques. (2)** Mrs. Ervin  
Fundamental knowledge and skill in dance, including folk, country, modern and ballroom, with emphasis on the teaching aspects.

**\*151. Advanced Dance Methods. (2)** Mrs. Ervin  
Prerequisite: 150  
The study and understanding of dance through varied experience in movement, with emphasis on increasing ability to use movement creatively. The study of functions and forms of dance in society. Consideration of various cultures and stages of development from historical to contemporary times.

**\*152. Music for the Dance. (2)** Mrs. Ervin  
Prerequisite: 150  
Analysis of musical forms and structures in relation to their use in dance forms. The historical development of musical forms used in dance. Building a musical repertoire for teaching.

**\*\*160. Problems in Health, Physical Education and Recreation. (3)**  
Prerequisite: 12 units of upper division work in physical education, or teaching experience.  
Discussion and evaluation of current problems in the field; guided individual study of a selected problem.

<sup>\*</sup>Given in alternate years; to be given in 1961-62.

<sup>\*\*</sup>Will be offered upon request

## DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

Sister Agnes Bernard

David Bjork

Monsignor Patrick J. Dignan

Sister Rose Catherine

Sister St. Francis (Chairman)

Sister St. Claire

Ronald J. Oard

The Department of History and Political Science offers all students of the College courses of general cultural and educational value. It aims to provide training for an adequate understanding of contemporary political, cultural, and social institutions through the study of their origins and development; to offer basic courses, and courses in specialized areas, as well as experience in using the tools of historical research and synthesis, for students desiring to major in history, or minor in history or political science; to lay the foundation necessary for graduate study and the teaching profession; and to furnish selected courses which provide an introduction to training in other areas, such as law, foreign service, research.

### History

**Preparation for the Major:** History 4A-4B; 7A-7B or 8A-8B. Required: Political Science 1 or 2.

Recommended: Sociology 1 or 101; Economics 1 or 101; History 25.

I. A sequence of courses in the department; or

II. A teaching major in correlation with other Social Sciences and related departments.

**The Academic Major:** Students will be expected to complete 28 hours of upper division work, including History 101, 198, a 6 unit sequence in American history, and a 6 unit sequence in another field, followed by an additional course in each field. The remaining units may be selected from electives in history and in political science, with the approval of the Chairman of the Department.

Senior students must submit a research paper growing out of one of the fields of concentration, before March 1 of their senior year. A comprehensive examination is required.

**The Academic Minor:** 18 units in history at least 12 in upper division including 101 or 198, one course in American history, and one in another field of history.

**The Teaching Major in Social Science** with a concentration in history, for the Secondary Credential: Twenty-eight units of upper division work with a minimum of 20 units of upper division history, including 101, 198, a six-unit sequence in American history and a six-unit sequence in another field, followed by an additional course in each field. These sequences should relate specifically to the curriculum of the secondary school. The remaining units may be selected from the other social sciences with the approval of the departmental chairman.

**The Minor in Social Science.** A minimum of 20 units, 12 in upper division history and the other social sciences.

**The Teaching Major in History** for the Elementary Credential: At least 24 upper division units, 18 of which must be in history and political science including Hist. 101 and 188, 6 units from European history sequences, 6 units from American history sequences. Additional courses may be selected from the social sciences with the approval of the departmental chairman. Courses should relate to the curriculum of the Elementary Schools.

**LOWER DIVISION**

**4A-4B. Western Civilization.** (3-3) Sister St. Claire, Sister Rose Catherine, Mr. Oard

A broad historical study in the major elements in the Western heritage from the ancient empires to the present time, designed to further the student's general education, to introduce her to ideas, attitudes, and institutions basic to Western Civilization, and to acquaint her, through reading and critical discussion, with representative documents and writings of enduring interest, thereby enabling her to understand better the world in which she lives.

**4HB. History of Western Europe from 1648.** (No. cr.) II Sister Rose Catherine

Sister St. Claire

Planned as a freshman honors seminar for history majors and minors and other selected students.

**7A-7B. History of the United States.** (2-2) Sister St. Francis, Mr. Oard

Survey of the political, economic, and social development of the United States. Special emphasis upon constitutional development, world relationships, current trends.

**8A-8B. History of the Americas.** (2-2) Sister St. Francis

The development of the Western Hemisphere from discovery to the present. The native cultures of America, and the development of various nationalities into separate units. Comparison of Canadian and Latin American institutions with those of the United States. Recommended for Elementary teachers.

**25. Cultural and Historical Geography.** (2) I Sister Rose Catherine

The basic cultural elements of geography, their correlation with physical elements, and of the geographic factors in the study of history.

**\*\*33A-33B. American Studies.** (2-2)

The study of American culture as expressed in the arts; in history; in literature; in political, economic and social aspects of American life, through the reading of selected source materials and interpretative studies.

**UPPER DIVISION**

**101. Introduction to Historical Method.** (2) I Mr. Bjork

An introduction to the sources of history, to historical bibliography, and to methods of historical research. Individual investigation of selected topics. Prescribed for all history majors in their Junior Year.

**111. History of the Ancient Mediterranean World.** (2) II Monsignor Dignan

A survey of the period from earliest times to the death of Alexander the Great.

**\*112. History of the Ancient Mediterranean World.** (2) Monsignor Dignan

A survey of the period from the death of Alexander the Great to Constantine.

**114A-114B. Problems in Church History.** (2-2)

The organization and growth of the Church. Relation to political and social history. Cultural contributions to civilization.

**\*\***Given on request.

**\***Given in alternate years; to be given in 1961-62.

<sup>\*</sup>121A-121B. **History of Medieval Civilization.** (3-3) Sister Rose Catherine  
A survey of the main events of European history from the fall of the Roman Empire  
to about 1450, emphasizing the social, cultural, religious, and economic foundations  
of western civilization.

<sup>\*</sup>124. **The Near and Middle East in the Nineteenth and Twentieth Centuries.** (2) Monsignor Dignan

141. **The Renaissance and Reformation.** (2) I Monsignor Dignan  
A study of the transition from Medieval to Modern civilization, with emphasis on  
cultural achievements, causes of religious disunity, the reformation and the counter-  
reformation.

142. **Europe in the 17th Century.** (3) II Sister Rose Catherine  
Political, cultural, and institutional development of Europe in the seventeenth  
century.

<sup>\*</sup>144. **French Revolution and Napoleon.** (3) I Sister St. Francis  
A study of the revolutionary era in Europe from 1789 to 1870 with emphasis on  
the rise of nationalism and liberalism.

<sup>\*</sup>145. **Europe c. 1815-1870.** (2) II

146. **Europe from 1870 to 1919.** (3) I Sister St. Claire  
A study of nationalism and imperialism after 1870, the internal conditions of the  
major European countries, events leading to the First World War, the consequences of  
the war.

<sup>\*</sup>147. **Europe from 1919 to the Present.** (3) II Sister St. Claire  
Political, economic, and cultural developments from 1919 to the present. Interna-  
tional problems, World War II and its aftermath.

148. **History of Modern Russia.** (3) I Mr. Oard  
A general survey of the growth of the Russian Empire; the revolutionary era; the  
Soviet State.

151A-15B. **History of England and Great Britain.** (3-3) Sister Agnes Bernard  
Major trends in the development of England and the British Empire; the evolution  
of the British Commonwealth of Nations.

<sup>\*</sup>161A-161B. **Latin America.** (3-3)  
A study of the Spanish and Portuguese backgrounds of Latin American civilization,  
the establishment of independence, and the political and cultural growth of the inde-  
pendent nations to Latin America.

170A-170B. **American Civilization.** (2-2) Sister St. Francis  
Main currents in the development of American civilization with special emphasis  
on our world relationships and current trends.  
(Given upon request.)

<sup>\*</sup>Given in alternate years; to be given in 1961-62.

171. **The United States: The Colonial Period to 1800.** (3) I Sister Rose Catherine  
Political, social, and economic history of the thirteen colonies and their neighbors  
with attention to European backgrounds. Revolution, confederation and union under the  
Constitution.

\*172. **Jeffersonianism and Jacksonianism.** (2) Sister St. Francis, Mr. Oard  
Political and social history of the United States from 1801 to 1850; political de-  
velopments; western settlement; territorial expansion; economic developments and the  
roots of intersectional conflict.

173. **Civil War and Reconstruction.** (3) II Sister St. Francis  
Causes underlying the outbreak of the conflict between the North and the South;  
the formation of the Confederate States; the war years; reconstruction and its effect  
on American civilization.

\*174A-174B. **The United States in the Twentieth Century.** (2-2) I, II Sister St. Claire  
A study of the twentieth century aspects of American life; national and interna-  
tional problems; the place of the United States in world affairs.

181. **The American West.** (3) I, II Mr. Oard  
The exploration and development of the trans-Mississippi West through the advance  
of the frontiers, with emphasis on geographic, economic, and cultural factors; effects on  
American institutions.

\*188. **History and Government of California.** (3) Sister St. Francis  
California in the Spanish, Mexican, and American periods; influences which affected  
the development of California's constitution.

190. **Coordinating Seminar.** II (No Credit) Staff

\*191. **History of the Far East.** (3) II Mr. Oard  
General survey of the historical background and current problems of selected Asiatic  
countries, with emphasis on their cultural contributions to Western civilization, and on  
the impact of Western imperialism and civilization.

192. **Historical Problems and Interpretation.** (2) I Sister St. Francis

\*195. **Contemporary World Affairs.** (02) II Sister St. Francis  
Significant events and trends in current history and international affairs. Discussion;  
guest speakers; reports.

197-ABC. **Readings in Historical Literature.** (1-3) Staff  
Individual programs of reading on significant historical topics or fields. Designed to  
acquaint the student with pertinent books of the past and of the present.

198. **Historiography.** (2) II Mr. Bjork  
Philosophies of history, interpretations, sources and development of history, study  
of representative historians. Required of all history majors in their senior year.

199. **Special Studies in History.** (2) Staff  
For Senior Honors Students who desire to do further study in a field in which they  
are prepared, under the guidance of a Staff member.

\*370. **Methods of Teaching the Social Studies.** (2) Staff

\*Given in alternate years; to be given in 1961-62.

**Political Science****LOWER DIVISION**

1. **Introduction to Government.** (3) I Sister St. Claire  
 An introduction to the principles and problems of government, with particular emphasis on national government in the United States.

2. **Introduction to Comparative Government.** (3) II Sister St. Claire  
 A comparative study of constitutional principles, governmental institutions, and political problems of selected governments abroad.

**UPPER DIVISION**

101. **American Institutions.** (2) II Sister Rose Catherine  
 The formation and development of the national and state administrative systems, American legislative bodies, the national and state judicial systems.

\*110. **History of Political Ideas.** (2) I Mr. Oard  
 An exposition and analysis of major political theories from Plato to the eighteenth century.

\*118. **Theory of the State.** (3) II Monsignor Dignan  
 The nature of the state, its organization and activities, and its relation to individuals and to other states.

\*125. **Foreign Relations of the United States.** (3) I Sister Agnes Bernard  
 A survey of the factors entering into the formation and carrying out of American foreign policy.

131. **International Relations.** (3) II Mr. Oard  
 A general survey of the institutions and agencies of international government, including the United Nations. Emphasis on outstanding issues in contemporary diplomacy.

\*133A-133B. **Principles of International Law.** (3-3) Yr. Sister Agnes Bernard  
 Reading from representative treaties and journals, and from state documents and diplomatic and judicial cases, with introductory research. The subject is covered in the first semester mainly from readings, in the second semester from cases.

167A-167B. **Constitutional Law of the United States.** (2-2) Yr. Sister Agnes Bernard  
 Fundamental principles and important cases.

170. **American Party Politics.** (2) I Mr. Oard  
 The development, organization and character of the American party system. Nominations and elections. Pressure groups. Emergent political patterns.

<sup>\*</sup>Given in alternate years; to be given in 1961-62.

## DEPARTMENT OF HOME ECONOMICS

Sister Cecile Therese (Chairman)

Grace K. Trumbo

Sister Paulanne

The aims of the Department of Home Economics are two-fold: to provide (1) cultural background which places emphasis upon the relationships and maintenance of Christian family life and (2) basic training for homemakers, teachers, dietitians and business women.

Three specializations are offered in the department: General Home Economics, Foods and Nutrition, and Merchandising.

### 1. General Home Economics

The program is designed for the student who is preparing for the teaching profession, a business career, or background for homemaking.

**Preparation for the Major:** HE. 9, 11, 30, 31; Art 2; Econ. 1; Music 5 or Drama 5; Zo. 24; and Chem. 4.

**The Major:** Econ. 144; PE. 146; HE. 102, 113, 134, 135, 138, 145, 146, 155, 156, 157, 158, 162 and 175. Recommended: HE. 185.

**The Minor:** A total of at least 18 units, 9-12 of which must be in upper division courses. Required: HE. 11, 30, 102 or 113, 134, 145, 157; for the teaching minor, one additional course must be chosen from: PE. 146; HE. 102 or 113, 135, 138, 146, 162 or 185.

### 2. Foods and Nutrition

The program is designed for the student who is preparing for a dietetic internship, or for promotional work in foods. The dietetic internship may be fulfilled the year following graduation at a hospital or institution approved by the American Dietetic Association.

**Preparation for the Major:** HE. 9, 11; Bus. Adm. 1A; Chem. 1A-1B; 2A-2B; Zo. 24; Bact. 1; and two of the following: Mu. 5, Drama 5, Art 5.

**The Major:** HE. 102, 113, 116, 121, 122, 123, 145, 146; Chem. 114, 108A-B; Econ. 101, 144; Ed. 170 or 171; Bus. Adm. 150 and 160. Additional courses may be selected with the approval of the department chairman.

**The Minor:** A total of at least 18 units, 9-12 of which must be in upper division courses. Required: Bact. 6; Chem. 4; HE. 11, 102, 113, 116, and 199.

### 3. Merchandising

The program is designed to prepare the student for a business career which emphasizes the retail aspects of buying, selling, and fashion coordination.

**The Minor:** A total of at least 18 units, 9-12 of which must be in upper division courses. Required: Art 2; Econ. 1; Bus. Adm. 150, 161, 162; HE. 162, 169, and 177. Recommended: Bus. Adm. 163; HE. 157, 158.

### LOWER DIVISION

#### 9. Introduction to Home Economics. (2) I

Sister Cecile Therese

A general orientation to the study of Home Economics through an overview of the history and scope of this discipline in relation to its leaders, organization, vocational opportunities, and preparation for the field.

10. **Basic Nutrition.** (2) I Sister Paulanne  
 The principles of nutrition and their application in normal conditions of growth and physical development, and in the prevention of disease; food composition and values in relation to menu designs in normal and certain modified diets. May not be substituted for HE. 11.

11. **Introduction to Foods and Nutrition.** (4) II Sister Paulanne  
 A study of the relation of food to proper nutrition and meal planning; factors that influence its selection, preparation and service. Laboratory application stresses techniques related to nutritive value, cost, and management. Lecture, 3 hours; laboratory, 3 hours.

30. **Clothing Construction.** (3) I Grace K. Trumbo  
 A study of fundamental principles in clothing construction, including a study of textiles in relation to selection and use. Laboratory, 6 hours.

31. **Advanced Clothing Construction.** (3) II Grace K. Trumbo  
 A course designed to perfect the techniques of clothing construction and to teach the principles of clothing selection. Laboratory, 6 hours.

**UPPER DIVISION**

102. **Advanced Foods.** (3) I Sister Paulanne  
 Prerequisite: HE. 11; Chem. 4 or equivalent.  
 The application of scientific methods in the study of principles and practices of food preparation. Lecture 2 hours; laboratory 3 hours.

113. **Advanced Nutrition.** (3) II Sister Paulanne  
 Prerequisite: HE. 11; Chem. 4 or equivalent.  
 The chemistry of digestion and the metabolism of carbohydrates, fats and proteins; a study of the vital inter-relationships which exist between the nutrients.

118. **Diet and Disease.** (3) II Sister Paulanne  
 Prerequisite: HE. 113.  
 The study of diet in relation to various disease conditions in man.

\*121. **Quantity Food Service.** (3) I Sister Paulanne  
 Prerequisite: HE. 102.  
 A study of the problems involved in the preparation of food in quantity. Lecture, 2 hours; laboratory, 3 hours.

\*122. **Institutional Organization and Management.** (3) II Sister Paulanne  
 A study of organization and administration as applied to institutional households, such as residence halls, hotels, hospitals, and lunch rooms.

123. **Equipment Selection.** (2) I Sister Paulanne  
 A study of institutional equipment with reference to its selection, use, maintenance, and arrangement.

134. **Child Development.** (3) I Sister Cecile Therese  
 Application of the principles of growth and development to the care and guidance of young children in the home. Open to non-majors.

\*Given in alternate years.

**135. Laboratory For Child Study. (1) I** Child Care Center  
Further study of the growth and development of children with emphasis on the pre-school child. Observation and participation in a nursery school program. Concurrent: HE. 134.

**138. Interpersonal and Family Relations. (2) I, II** Sister Cecile Therese  
A study of the function of the homemaker in the modern Catholic family; emphasis is placed upon understanding the interaction of family members and their contribution to successful family living. Open to non-majors.

**144. Personal Finance. (3) II**  
cf. Economics 144.  
Budgeting, investing and insuring the individual and family; credit and installment buying; wills, trusts and estates; and the effects of inflation and taxation.

**145. Home Management. (3) II** Sister Cecile Therese  
A study of the current trends in the management of resources available to the family with emphasis upon time, energy, work simplification, and decision-making.

**146. Home Management Laboratory. (2) I, II** Sister Cecile Therese  
Prerequisite: HE. 11, 102; prerequisite or concurrent: HE. 145.  
Supervised residence in the home management apartment for a six week period with experience in managing the activities and assuming the responsibilities involved in group living.

**155. House Planning. (2) I** Grace K. Trumbo  
A study of the house, its environment and cost; requirements in housing to meet the needs of the modern family. Open to non-majors.

**156. House Planning Laboratory. (1) I** Grace K. Trumbo  
A study of floor plans with reference to livability at various income levels. Open to non-majors. Laboratory, 2 hours.

**157. Selection of Home Furnishings. (2) II** Grace K. Trumbo  
Planning the home with reference to the selection of furnishings and equipment, arrangements for minimizing work, and adaptation to the needs of families in varying incomes. Open to non-majors.

**158. Home Furnishings Laboratory. (1) II** Grace K. Trumbo  
Practical problems in upholstery. Laboratory, 2 hours.

**162. Textiles. (3) I** Grace K. Trumbo  
A study of the physical and chemical properties of natural and man-made fibers in relation to their manufacture and use.

**169. Historic Costume. (2) II** Grace K. Trumbo  
A study of the history of costume and its application to modern costume and modern living.

**170. Modern Clothing Construction. (2) I, II** Grace K. Trumbo  
The use of commercial patterns and simple processes in the construction of clothing for wear by the individual. Designed for non-majors. Laboratory, 4 hours.

175. Tailoring. (3) II Grace K. Trumbo  
A study in the selection, design, and construction of tailored garments. Laboratory, 6 hours.

177. Pattern Making and Dress Design. (2) II Grace K. Trumbo  
Prerequisite: HE. 31 or 170.  
A course designed to stimulate creative ability in the advanced student. Included are such techniques as making a dress form, a basic pattern, and self-designed costumes. Laboratory, 4 hours.

185. Demonstration Techniques. (2) II Sr. Cecile Therese  
A study of the principles involved in developing techniques for exhibiting the practical application of knowledge and skills in classrooms and commercial demonstrations. Opportunities to observe professional demonstrators; practical experience before classes. Lecture, 1 hour; laboratory, 3 hours.

199. Special Problems in Home Economics. (2-4) I, II Staff

370. Principles of Home Economics Teaching. (2) II Sister Cecile Therese  
Prerequisite: 12 units of upper division work in home economics.  
A survey and evaluation of methods and materials used in teaching homemaking in the secondary school.

## DEPARTMENT OF MATHEMATICS

Sister Rose Gertrude

Mrs. Whitener

Sister Margaret Leo (Chairman)

Rev. James D. O'Reilly

The courses in the Department of Mathematics are offered for those students who intend to study mathematics as a part of a liberal education, as a preparation for work leading to advanced degrees or for professional work, and as a preparation for teaching mathematics in high school.

**Preparation for the Major:** Required: Courses C, 1A-1B, 3, 4 with an average grade of C or higher. Recommended: Physics 2A-2B, 3A-3B. Students who have completed trigonometry with a satisfactory grade in high school are not required to take course C. Students who have not completed two years of algebra in high school are required to take course D concurrently with course 1A.

**The Major:** 24 units of upper division courses including courses 102, 111, and 119. At most 3 of these units may be taken in related courses in other departments with the approval of the chairman of the Department of Mathematics.

Students who are preparing to teach mathematics in high school are advised to elect courses 100 and 101.

**The Minor:** Minimum of 18 units in the Department of Mathematics, of which 9 units must be elected from upper division courses with the advice of the chairman of the Department of Mathematics.

### LOWER DIVISION

C. Trigonometry. (2) I

Mrs. Whitener

Prerequisite: Plane geometry and 1 year of high school algebra.

D. Intermediate Algebra. (0) I Mrs. Whitener  
 Required of students who did not complete two years of high school algebra; may be taken concurrently with course 1A.

1A-B. Elementary Mathematical Analysis. (3-3) I, II Sister Margaret Leo  
 Prerequisite: Satisfactory completion of 2 years high school algebra; or 1½ years high school algebra and course D concurrently.  
 Integrated concepts of pre-calculus mathematics, including logic, elementary set theory, number systems, functions, theory of equations, limits, sequences, infinite series, analytic geometry, and co-ordinate systems.

3. First Course in Calculus. (3) I Sister Margaret Leo  
 Prerequisite: Courses 1A-1B.  
 Differentiation of algebraic and transcendental functions, differentials, the law of the mean, applications.

4. Second Course in Calculus. (3) II Sister Margaret Leo  
 Prerequisite: Course 3.  
 Integration of standard elementary forms, the definite integral, geometric and physical applications.

#### UPPER DIVISION

100. College Geometry. (3) I Mrs. Whitener  
 Prerequisite: Courses 1A-1B.  
 Basic theory in logic and axiomatic treatment of geometry, evolution of geometry, advanced Euclidean geometry.

101. Modern Geometry. (3) II Mrs. Whitener  
 Prerequisite: Course 100 or consent of instructor.  
 Survey of topics in projective, non-Euclidean geometry, elements of topology.

102. Third Course in Calculus. (3) I Father O'Reilly  
 Prerequisite: Course 4.  
 Solid analytic geometry, partial differentiation, series, expansion of functions, multiple integration.

108. Linear Algebra. (3) II Sister Margaret Leo  
 Prerequisite: Course 111.  
 Vector spaces, linear transformations and matrices, matrix algebra, determinants and solutions of systems of equations.

111 Introduction to Higher Algebra. (3) I Sister Margaret Leo  
 Number systems, congruences, groups, rings, integral domains, fields.

\*112. Synthetic Projective Geometry. (3) I Sister Rose Gertrude  
 Prerequisite: Course 4.  
 The principle of duality, perspectivity, harmonic sets, double ratio, projectivity theorem, Pascal's theorem and Brianchon's theorem, pole and polar theory, metric properties of conics.

\*Given in alternate years; to be given in 1961-62.

<sup>\*</sup>113. Statistics. (3) II Mrs. Whitener  
 Prerequisite: Course 4.  
 Frequency distributions, graphical representations, dispersion, normal curve, curve fitting, correlation theory, probability and statistical theory.

115. The Theory of Numbers. (3) I Sister Rose Gertrude  
 Number systems, divisibility, congruences.

119. Differential Equations. (3) II Father O'Reilly  
 Prerequisite: Course 102.  
 Solution of ordinary differential equations, applications to geometry and physics.

<sup>\*</sup>124. Vector Analysis. (3) I Father O'Reilly  
 Prerequisite: Course 4.  
 Vector algebra, vector functions, vector calculus, linear vector functions, and field theory.

<sup>\*</sup>127. Mathematical Logic. (2) II  
 cf. Philosophy 184.  
 Prerequisites: Two courses in Mathematics or Physical Sciences and two courses in Philosophy including Logic. Special permission may be granted by the instructor in special cases.

128. Numerical Analysis. (3) II Sister Rose Gertrude  
 Prerequisite: Course 102, or consent of the instructor.  
 Approximate calculations, interpolation, numerical differentiation and integration, solution of numerical algebraic and transcendental equations, empirical formulas.

199. Special Problems. (1-3) I, II Staff  
 Prerequisite: Senior standing in mathematics.

370. The Teaching of Mathematics. (2) I Sister Margaret Leo  
 Present day tendencies in the teaching of mathematics in secondary schools.

## DEPARTMENT OF MODERN LANGUAGES

Sister Eloise Therese (Chairman)

Sister Mary Hildegarde

Sister Aline Marie

Mrs. Rejlek

The aim of the Modern Language Department is to initiate and to develop the students' knowledge of a foreign language in order that they may use it as a major subject in a teaching field, as a research language in graduate work or as an effective tool in a wide range of professional endeavors.

By the study of literary masterpieces, the students are encouraged to develop individual and creative thought, and by the acquaintance with a civilization distinct from their own, they are led to broaden their aesthetic perceptions and to acquire a sympathetic understanding of international cultures through the medium of a foreign language.

<sup>\*</sup>Given in alternate years; to be given in 1961-62.

**Preparation for Major:** A minimum of 2 years of high school Latin is recommended before taking up the study of a modern language. Only students who pronounce the modern language correctly and read it fluently will be admitted to upper division courses. Students transferring from other institutions may be tested by oral examination.

**The Major:** Thirty-six units of credit, of which a maximum 24 and a minimum 20 must be in the upper division; the senior comprehensive examination, and an oral lecture given in the foreign language.

**The Minor:** Eighteen units of credit of which at least 9 must be in the upper division.

The department recommends as a supplementary choice among the free electives: (1) The history of the country or countries most intimately connected with the major; (2) additional study in English, French, German, Italian, or Spanish literature and language; (3) the history of philosophy; (4) additional study in the fine arts.

### French

**Preparation for Major:** French 1, 2, 3, 4, or equivalent; 8A-8B, 25A-25B, or 42A-42B.

**The Major:** 20-24 units of upper division courses including 101A-101B, 109A-109B.

**The Minor:** Nine to 12 units of upper division courses selected from 101A-101B, 109A-109B, 114A-114B, 120A-120B.

Majors and minors, with the approval of their major advisor, may spend the spring semester of their Junior year at Laval University in Quebec, Canada.

### LOWER DIVISION

1. **Elementary French.** (3) I Sister Eloise Therese, (Sec. 1)  
Elementary grammar, reading, conversation and laboratory drill. Mrs. Rejlek, (Sec. 2)
2. **Elementary French.** (3) I, II Mrs. Rejlek  
Prerequisite: Course 1, or 2 years of high school French.  
Elementary grammar, conversation and laboratory drill.
3. **Intermediate French.** (3) I, II Mrs. Rejlek  
Prerequisite: Course 2, or 3 years of high school French.  
Grammar, original compositions, and extensive readings.
4. **Intermediate French.** (3) II Mrs. Rejlek  
Prerequisite: Course 3, or 4 years of high school French.  
Grammar and conversation.

**8A-8B or 108A-108B. French Conversation.** (2-2) Yr. Mrs. Rejlek  
Open to students who have completed course 2 or its equivalent.

**25A-25B. Advanced French.** (3-3) Yr. Sister Eloise Therese  
Prerequisite: Course 4 or its equivalent.  
Emphasis is placed on the student's acquiring facility in oral and written French.

**42A-42B or 142A-142B. History of French Culture and Civilization.** (2-2) Yr. Sister Eloise Therese

**UPPER DIVISION**

\*101A-101B. French Composition, Oral and Written. (3-3) Yr. Sister Aline Marie  
Original compositions and stylistic analyses of selected readings. Further training  
in pronunciation and practice in oral French.

\*\*107. Folk Songs and Dances of France. (2) I Sister Eloise Therese  
Designed primarily for elementary and secondary teachers.

109A-109B. Survey French Literature. (3-3) Yr. Mrs. Rejlek  
Critical evaluation of literary masterpieces through the centuries.

112A-112B. The Nineteenth Century. (2-2) Yr. Mrs. Rejlek  
The critical evaluation of Romanticism, Realism and Naturalism.

\*114A-114B. Contemporary French Literature. (2-2) Yr. Sister Aline Marie  
The French novel, poetry, drama, and essay since 1885. Symbolism, surrealism, exist-  
entialism.

118. The Sixteenth Century. (2) I Sister Eloise Therese  
Renaissance and Humanist writers.

\*120A-120B. Seventeenth Century French Literature. (2-2) Yr. Mrs. Rejlek  
The classical ideal as reflected in the literary masterpieces.

121. The Eighteenth Century. (2) II Sister Aline Marie  
A survey of the "age of enlightenment" with specific concentration on the works  
of Voltaire and Rousseau.

190. Honors Course. (2) I Staff  
Independent research leading to a written and oral presentation of an original  
paper.

199A-199B. Special Studies in French. (2-2) Yr. The Staff  
Prerequisite: Senior standing and at least 12 units in upper division French.

\*\*370. The Teaching of French. (2) I Sister Eloise Therese  
Modern trends in language teaching.

**German****LOWER DIVISION**

1. Elementary German. (3) I To be named  
Essentials of grammar and special readings.

2. Elementary German. (3) II To be named  
Prerequisite: Course 1, or two years of high school German.  
Grammar, composition and readings.

3. Intermediate German: (3) I To be named  
Prerequisite: Course 2, or three years of high school German.  
Grammar and extensive readings, designed to prepare students to use the language  
for research in their specialized fields.

\*Given in alternate years; to be given in 1961-62.

\*\*Given on request.

**Italian**

**The Minor:** Nine to twelve units of upper division courses selected from 101A-101B and 103A-103B.

1. **Elementary Italian.** (3) I Sister Aline Marie  
Grammar, reading and conversation with an emphasis on the cultural approach.
2. **Elementary Italian.** (3) II Sister Aline Marie  
Prerequisite: Course 1.  
Grammar, easy readings and conversation.
3. **Intermediate Italian.** (3) I Sister Aline Marie  
Prerequisite: Course 2, or two years of high school Italian.  
Grammar, original compositions, and extensive readings.
4. **Intermediate Italian.** (3) II Sister Aline Marie  
Prerequisite: Course 3, or three years of high school Italian.  
Advanced grammar and conversation.

**UPPER DIVISION**

\***101A-101B. Composition Oral and Written.** (3-3) Yr. Sister Aline Marie  
Introduction to stylistic elements of Italian with extensive practice in oral and written Italian.

**103A-103B. Survey of Italian Literature.** (3-3) Yr. Sister Aline Marie  
A critical analysis and evaluation of literary masterpieces from the Middle Ages to the present.

**Spanish**

**Preparation for Major:** Spanish 1, 2, 3, 4, 8A-8B, 25A-25B or equivalent, 42A-42B.

**The Major:** 20-24 units of upper division courses including 101A-101B, 102A-102B.

**The Minor:** Nine to 12 units of upper division courses selected from 101A-101B, 102A-102B, 110A-110B or 115A-115B.

Majors and minors, with the approval of their major advisor, may spend the spring semester of their Junior year at La Universidad Iberoamericana in Mexico City.

**LOWER DIVISION**

1. **Elementary Spanish.** (3) I Sister Eloise Therese (Sec. 1)  
Elementary grammar, reading and conversation. Sister M. Hildegarde (Sec. 2)
2. **Elementary Spanish.** (3) I, II Sister M. Hildegarde  
Prerequisite: Course 1, or two years of high school Spanish.
3. **Intermediate Spanish.** (3) I, II Sister M. Hildegarde  
Prerequisite: Course 2, of three years of high school Spanish.

\*Given in alternate years; to be given in 1961-62.

4. Intermediate Spanish. (3) II Sister M. Hildegarde  
 Prerequisite: Course 3, or four years of high school Spanish.

8A-8B or 108A-108B. Advanced Spanish. (2-2) Yr. Sister Eloise Therese  
 Open to students who have completed Course 2 or its equivalent with a grade of A or B.

25A-25B. Advanced Spanish. (3-3) Yr. Sister Eloise Therese  
 Emphasis is placed on the student's acquiring a facility in oral and written Spanish.  
 For lower division students who have had Course 4 or the equivalent.

42A-42B or 142A-142B. History of Spanish Culture and Civilization. (2-2) Yr.  
 Sister Hildegarde

#### UPPER DIVISION

\*101A-101B. Oral and Written Composition. (3-3) Yr. Sister Mary Hildegarde  
 Original compositions and analyses of selected readings.

102A-102B. Survey of Spanish Literature. (3-3) Yr. Sister Eloise Therese  
 A critical evaluation of Spanish literature from 800-1800.

\*103A-103B. Nineteenth Century Literature. (2-2) Yr. Sister Mary Hildegarde  
 A survey of the drama and prose of this period.

110A-110B. Contemporary Spanish Literature. (2-2) Yr. Sister Aline Marie

\*115A-115B. Readings in Classical Literature. (2-2) Yr. Sister Aline Marie  
 Special emphasis is placed on the Quixote, the religious writers, and the dramatists.

190. Honors Course. (2) I Staff  
 Independent research leading to a written and oral presentation of an original paper.

199A-199B. Special Studies in Spanish. (3-3) Yr. The Staff  
 Prerequisite: Senior standing and at least 12 units in upper division Spanish.

\*\*370. The Teaching of Spanish. (2) I Sister Eloise Therese  
 Modern trends in language teaching.

#### **Comparative Literature**

8. Comparative Language. (2) I Staff  
 Diction and basic pronunciation of French, German, Italian, and Spanish. Open only to vocal majors and minors.

\*\*100A-100B. Comparative Literature. (3-3) Yr. Sister Aline Marie  
 Main trends and a comparative study of French, Italian and Spanish literature from the Middle Ages to the present.

<sup>a</sup> Given in alternate years; to be given in 1961-62.

<sup>\*\*</sup> Given on request.

## DEPARTMENT OF MUSIC

Walter Arlen	Sister Lillian Marie
Sister Celestine	Sister Miriam Joseph
Reverend John Cremins	Joseph Rottura
Matt Doran	Paul Salamunovich
Pattee Evenson	Margaret Stromer
	Sister Timothy (Chairman)

### APPLIED MUSIC

Piano—Delores Stevens, Sister Miriam Joseph

Organ—Sister Celestine, John Lee, Sister Lillian Marie

Voice—Helena Sundgren, Joseph Rottura

Harp—Maryjane Barton, Aida Dagort

Violin—Israel Baker, Joachim Chassman,  
Ralph Schaeffer

Viola—Abraham Hochstein, Albert Falklove

Cello—George Neikrug, Harold Schneier

French Horn—Herman Lebow

Bassoon—

Trumpet—Pattee Evenson

Flute—Burnett Atkinson, Arthur Hoberman,  
Matt Doran

Oboe—Donald Muggeridge

Clarinet—Dominick Fera, Joseph Kreckter

Percussion—Charles de Lancy

The aim of the Department of Music is to present music to the student aesthetically and historically, as an element of liberal culture; to train musicians to teach, to perform and to compose. The courses which normally occupy the first two years offer the technical and theoretical training that forms the necessary basis for specialization in either applied or theoretical music.

Two national professional societies have chapters on the campus: Beta Omega chapter of Sigma Alpha Iota, a professional fraternity for women; student chapter 313 of the Music Educators National Conference.

With music as the major subject the College offers courses both theoretical and practical which lead to the degrees of Bachelor of Arts and Bachelor of Music.

#### Credentials:

##### Four Year Course:

General Elementary Credential (see Education Department, page 49)

##### Five Year Cours:

##### General Secondary Credential.

##### General Requirements:

Candidates for the degree of Bachelor of Arts with a music major and the degree of Bachelor of Music must meet the requirements of the College as stated in the catalog under ADMISSION OF STUDENTS. Placement examinations in music are given to students who plan to major in music. These include a fundamental test in theory, performance, interpretation and sight reading.

Two semester hours of credit shall be given for each six hours per week of practice, plus the necessary individual instruction. Students shall be required to take a minimum of one period of individual instruction per week in the major subjects in applied music throughout each year of residence.

In class subjects such as harmony, history of music, etc., and academic subjects, one semester hour of credit shall be given for one period of recitation (50 minutes) plus two hours of preparation each week of the semester, inclusive of examinations. In subjects such as ear training, sight singing, dictation, etc., where little outside preparation is required, two 50-minute recitation periods per week shall be required for one semester hour of credit.

Registration in one of the ensembles is required as part of the work in performance for all music majors and minors during each semester in residence.

Music majors and minors are required to enroll in Concert Music and to attend three-fourths of all recitals, concerts and public lectures sponsored by the Department of Music. Students who have not met this minimum will be required to complete one additional hour in music literature for each semester deficiency.

One course in Gregorian Chant, and one course in Methods in the major field is also required before application may be made for a degree.

#### I. Bachelor of Arts Degree

**The Major:** 48 units

##### A. Concentration in Music History and Literature.....

**Preparation for the Major:** Harmony and Solfege 1A-1B-1C-1D (4-4); Harmony and Solfege 2A-2B-2C-2D (3-3); Survey in Music Literature 24A-24B (1); 4 semesters of Applied Music (1-1-1-1); Orchestral Instrument Survey 13 (1); Ensemble (1).

**The Major:** Counterpoint 101A (2); Form and Analysis 104A-104B (2-2); Orchestration 114A (2); Music History and Literature 116-124A-124B-125 (2-2-2-2); 4 semesters in Applied Music (1-1-1-1); Concert Music 103A-103B-103C-103D (1); Ensemble (1); Music History Electives (4); Gregorian Chant 111 (1).

##### B. Concentration in Music Theory

**Preparation for the Major:** (same as A except Ensemble (0).

**The Major:** Counterpoint 101A (2); Form and Analysis 104A-104B (2-2); Keyboard Harmony 100A (2); Composition 105 (2); Orchestration 114A-114B (2-2); Music History and Literature 116-124A-124B-125 (2-2-2-2); 4 semesters of Applied Music (1-1-1-1); Gregorian Chant 111 (1); Concert Music 103 (1).

##### C. Concentration in Applied Music

**Preparation for the Major:** (same as A - except Ensemble (0);

**The Major:** Keyboard Harmony 100A (2); Counterpoint 101A (2); Form and Analysis 104A-104B (2-2); Music History and Literature 116-124A-124B-125 (2-2-2-2); Methods in Major Field (2); 4 semester in Applied Music (3-3-3-3); Concert Music 103 (1); Gregorian Chant 111 (1).

##### D. Concentration in Elementary Music Education with minor in Education

**Preparation for the Major:** (same as A except Ensemble (0).

**The Major:** Counterpoint 101A (2); Form and Analysis 104A (2); Orchestration 114 (2); 4 semester of Applied Music (1-1-1-1); Music History and Literature 116-124A-124B-125 (2-2-2-2); Voice Class or Piano Class (2); Choral Conducting (2); Woodwinds, Strings, Brass and Percussion 127-128-129 (1-1-1); Concert Music 103A-103B-103C-103D (1); Elementary Music Activities 161 (2); Gregorian Chant 111 (0).

**E. Concentration in Church Music**

**Preparation for the Major:** Harmony and Solfege 1A-1B-1C-1D (4-4); Harmony and Solfege 2A-2B-2C-2D (3-3); 4 semesters of Applied Music (organ) (1-1-1-1); Gregorian Chant 11A-11B (2-2).

**The Major:** Counterpoint 101A (2); Form and Analysis 104A (2); Voice Techniques 106 (2); Survey of Music History and Literature 134 (3); Choral Conducting 108 (2); Gregorian Chant 11A-11B (2-2); Choral Arranging 113 (1); Survey of Liturgical Year 112 (2); Chant Accompaniment 117 (2); 4 semesters of Applied Music (organ) (1-1-1-1); Music Electives (2).

**The Minor:** 12 upper division units of classwork: Voice Class Techniques 106 (2); Survey of Music History and Literature 134 (3); Theory for Minors 159 (3); Functional Keyboard 100B (2); Teaching General Music 158 (2).

**Prerequisite:** Harmony and Solfege 1A-1B-1C-1D (4-4); Orchestral Instrument Survey 13 (1); Survey of Music Literature 24A-24B (1-0).

Pass the minimum examination in piano and sight singing.

**II. Bachelor of Music Degree**

The four-year course leading to the degree of Bachelor of Music prepares students for performance, composition, and private teaching. For the student planning to teach in the public schools it is advisable to take the Major in Music Education which prepares for the General Secondary Credential. Candidates for a secondary teaching credential are advised to take Orchestral Instrument Survey 13, Woodwinds 27, and Brass and Percussion 28 in lower division. The student has a choice of one of the following sequences: A, B, C, or D, to be determined by her particular abilities and interests, and in conference with her advisor.

**The Major:** 74 units

**A. The Major in Applied Music****1. Piano**

**Preparation for the Major:** Harmony and Solfege 1A-1B-1C-1D (4-4); Harmony Solfege 2A-2B-2C-2D (3-3); Orchestral Instrument Survey 13 (1); Survey of Music Literature 24A-24B (0-1); 4 semesters in Applied Music (3-3-4-4).

**The Major:** Keyboard Harmony 100A (2); Counterpoint 101 (2); Form and Analysis 104A-104B (2-2); Composition 105 (2); Gregorian Chant 111 (1); Orchestration 114A (2); Music History and Literature 116 (2); Music History and Literature 124A-124B (2-2); Music History and Literature 125 (2); Piano Methods 130 (2); Piano Ensemble 132 (1); Accompanying 169 (1); 4 semesters in Applied Music (4-4-4-4); Concert Music 103 (2); Senior Recital; Ensemble (1).

**2. Voice.**

**Preparation for the Major:** Harmony and Solfege 1A-1B-1C-1D (4-4); Harmony Solfege 2A-2B-2C-2D (3-3); Orchestral Instrument Survey 13 (1); Survey of Music Literature 24A-24B (1-1); 4 semester of Applied Music (3-3-3-3).

**The Major:** Keyboard Harmony 100A (2); Counterpoint 101A (2); Concert Music 103 (1); Form and Analysis 104A-104B (2-2); Composition 105A (2); Choral Conducting 108 (2); Orchestration 114A (2); Music History and Literature 116 (2); Music History and Literature 124A-124B (2-2); Music History and Literature 125 (2); Opera Workshop 131A-131B (1-1); 4 semoster in Applied Music

(4-4-4-4); Gregorian Chant 111 (1); Voice Techniques 106 (2); Accompanying 169 (1); Senior Recital. Special requirement: 6 units in one foreign language; 2 units in comparative foreign languages—Diction Course.

3. Organ

**Preparation for the Major:** Harmony and Solfege 1A-1B-1C-1D (4-4); Harmony Solfege 2A-2B-2C-2D (3-3); Orchestral Instrument Survey 13 (1); Survey in Music Literature 24A-24B (0-1); 4 semesters of Applied Music (3-3-4-4).

**The Major:** Counterpoint 101A (2); Form and Analysis 104A-104B (2-2); Composition 105A (2); Choral Conducting 108 (2); Gregorian Chant 111A-111B (1-1); Choral Arranging 113 (1); Orchestration 114A (2); Instrumental Arranging 114C (1); Improvisation and Modulation 115 (2); Music History and Literature 116 (2); Chant Accompaniment 117 (1); Music History and Literature 124A-124B (2-2); Music History and Literature 125 (2); 4 semesters in Applied Music (4-4-4-4); Concert Music 103 (1); Senior Recital.

4. Orchestral Instrument

**Preparation for the Major:** Harmony and Solfege 1A-1B-1C-1D (4-4); Harmony Solfege 2A-2B-2C-2D (3-3); Orchestral Instrument Survey 13 (1); Survey in Music Literature 24A-24B (0-1); 4 semesters in Applied Music (3-3-4-4); Piano (individual or class), (2).

**The Major:** Keyboard Harmony 100B (2); Counterpoint 101A (2); Form and Analysis 104A-104B (2-2); Composition 105A (2); Instrumental Conducting and Score Reading 109 (2); Orchestration 114A-114B (2-2); Music History and Literature 116 (2); Music History and Literature 124A-124B (2-2); Music History and Literature 125 (2); 4 semesters of Applied Music (4-4-4-4); Senior Recital; Concert Music 103 (1); Gregorian Chant 111 (1).

B. Major in Theory and Composition

**Preparation for the Major:** Harmony and Solfege 1A-1B-1C-1D (4-4); Harmony Solfege 2A-2B-2C-2D (3-3); Orchestral Instrument Survey 13 (1); Survey in Music Literature 24A-24B (0-1); Orchestral Instruments 27-28 (1-1); 4 semesters in Applied Music (2-2-2-2).

**The Major:** Keyboard Harmony 100A (2); Counterpoint 101A-101B (2-2); Form and Analysis 104A-104B (2-2); Composition 105A-105B (2-2); Composition 107A-107B (Advanced - private lessons) (2-2); Choral Conducting 108 (2); Instrumental Conducting and Score Reading 109 (2); Gregorian Chant 111 (1); Choral Arranging 113 (1); Orchestration 114A-114B (2-2); Instrumental Arranging 114C (1); Music History and literature 116 (2); Advanced Counterpoint 120A (2); Senior Recital of Original Compositions; Music History and Literature 124A-124B (2-2); Music History and Literature 125 (2); Concert Music 103 (1); Strings 129 (1); Ensemble (1); Teaching Theory 155 (2); Applied Music (1-1-1-1).

C. Major in Music Education

**Preparation for the Major:** Harmony and Solfege 1A-1B-1C-1D (4-4); Harmony and Solfege 2A-2B-2C-2D (3-3); Orchestral Instrument Survey 13 (1); Survey in Music Literature 24A-24B (0-1); Orchestra Instruments 27-28 (4); 4 semesters in Applied Music (2-2-2-2); Voice or Piano (Individual or Class) (2); Ensembles (2).

**The Major:** Keyboard Harmony 100B (2); Counterpoint 101A (2); Concert Music 103 (1); Form and Analysis 104A-104B (2-2); Composition 105A (2); Voice Class Technique 106 (2); Choral Conducting 108 (2); Instrumental Conducting and Score Reading 109 (2); Gregorian Chant 111 (1); Choral Arranging 113 (1); Orchestration 114A (2); Instrumental Arranging 114C (1); Music History and Literature 116 (2); Music History and Literature 124A-124B (2-2); Music History and Literature 125 (2); String Instruments 129 (2); Teaching General Music 158 (2); Organization of Elementary and Secondary School Music 160 (2); 4 semesters in Applied Music (1-1-1-1); Ensembles (2).

**D. Major in Church Music**

**Preparation for the Major:** Harmony and Solfege 1A-1B-1C-1D (4-4) Harmony and Solfege 2A-2B-2C-2D (3-3) Gregorian Chant 11A-11B (2-2); Orchestral Instrument Survey 13 (1); Survey of Music Literature 24A-24B (0-1); Applied Music (Organ) (2-2-2-2); Voice (Individual or Class) (2).

**The Major:** Counterpoint 101A (2); Form and Analysis 104A-104B (2-2); Composition 105A (2); Voice Techniques 106 (2); Choral Conducting 108 (2); Gregorian Chant 111A-111B (2-2) Music of the Liturgical Year 112 (2); Choral Arranging 113 (1); Orchestration 114A (2); Improvisation and Modulation 115 (2); Music History and Literature 116 (2); Chant Accompaniment 117 (1); Music History and Literature 124A-124B (2-2); Music History and Literature 125 (2); 4 semesters in Applied Music (2-2-2-2); Music Electives (4). Special requirement: Liturgical Latin course required if not completed in high school (2).

A candidate for a California State teaching credential with a major or minor in music must fulfill, in addition to the degree and major requirements, the professional sequences as outlined in the Department of Education.

A minimum of 4 units each of voice and piano, and 6 units of orchestral instruments and conducting is required of all candidates for the general secondary credential or the special secondary in music. For instruction in the method of teaching music, see course description for Education M330 and M370. All candidates for a degree and for recommendation for a secondary teaching credential must pass a final examination in piano and voice before completing their work at the College.

**Fifth year requirements for a general secondary credential:**

1. One subordinate teaching field is required as well as a major in music. (See Education)
2. Six units of Music chosen from the following: (See Graduate Bulletin)  
Music 270-270B. Practicum in Music Education. (2-2)  
Music 199. Integrated Study of the Cultural Trends in the Fine Arts. (2)  
Music 205. The Art of Choral Development. (2)  
Music 209. Materials of Modern Music. (2)  
Music 236-237-238-239. Applied Music. (2)  
Music 273 (2)

**Technique of Music**

Individual instruction is offered in all courses of Applied Music.

### **Minimum Requirement Examination in Piano**

All music majors and minors (piano and organ majors excepted) must take the examination at some time during their piano study. Satisfactory performance of this examination is a requirement for graduation. All music majors and minors (organ majors excepted) must take a minimum of 4 units of piano, and as many more as may be necessary to pass this examination.

### **Requirements for Piano Majors**

#### **Freshman Year:**

1. Scales, arpeggios, technical problems as required by instructor.
2. Bach—selected two-part inventions.
3. Easier sonatas of Haydn or Mozart.
4. Romantic repertory, approximate difficulty of Debussy's "Girl with Flaxen Hair."
5. Memorized program.

#### **Sophomore Year (Examinations at end of second semester):**

1. Scales, arpeggios and technical problems as assigned.
2. Bach—selected three-part inventions or easier preludes and fugues.
3. Easier Beethoven sonatas, approximate difficulty of Op. 2 or Op. 10.
4. One or more romantic studies.
5. Modern repertory.

#### **Junior Year:**

1. Technical studies as assigned by instructor.
2. Bach—prelude and fugue or a complete suite, partita or toccata.
3. Beethoven sonata of approximate difficulty of Op. 27 or Op. 31, or some other large work of comparable difficulty.
4. Romantic period—a Chopin or Liszt etude or a Brahms rhapsody.
5. Modern period—concert piece of approximate difficulty of one of Debussy's "Images."
6. Accompanying techniques.

#### **Senior Year: Senior Recital.**

### **Requirements for Organ Majors**

#### **Freshman Year:**

Various types of touch, pedal etudes such as Douglas, Stainer.  
Easier preludes and fugues of Bach.

#### **Sophomore Year:**

Continued pedal studies such as Schneider, Salvador.  
Chant accompaniment.  
Further study of Bach.  
Registration.

#### **Junior Year:**

More advanced compositions by Bach, Handel and modern composers.  
Mass accompaniment.

**Senior Year:**

Senior Recital.

**Requirements for Violin Majors**

**First Year:** Technique; shifting, double stops, vibrato, staccato, etc.

Scales.

Studies: Fischel, Op. 9, 10, 11.

Pieces of average difficulty.

**Second Year:** Technique—Sevcik—continuation of first year's work.

Scales—three octaves memorized. Studies—Kreutzer.

Pieces—Development of style in interpretation.

**Third Year:** Technique: Sevcik Op. Book 3-4; Scales, chromatics and arpeggios through three octaves. Kreutzer Studies. Concertos by Mozart.

Pieces: Kreisler-Burleigh; Sonatas, Tartini and Handel.

**Fourth Year:** Senior Recital.

**LOWER DIVISION****1A-1B-1C-1D. Harmony and Solfege. (4-4)**

Sister Lillian Marie

A course in music theory. Formation of scales, intervals, triads and their inversions, cadences, chord connections, four part writing, keyboard application, sight singing, ear training, dictation twice a week.

**2A-2B-2C-2D. Harmony and Solfege. (3-3)**

Mr. Doran

Use of all diatonic harmonies. Advanced chromatic harmonies. Attention to different styles of harmonization. Modulations and keyboard. Continuation of ear training, dictation, and keyboard harmony.

**3. Solfege for Elementary Teachers**

Sister Miriam Joseph

**4A-4B-4C-4D. Concert Music (1½-2)**

Walter Arlen

**5. Fine Arts. (1) I, II**

Sister Timothy

The study of fundamental concepts in music, and the development of basic listening skills.

**‡6. Fine Arts. (1) I, II**

Sister Celestine, Sister Ignatia

Music and Art in America.

**7. Elementary Voice. Class. (1-1)**

Helena Sundgren

Production of a good tone through the development of the tone concept of the pupil and of correct physical prerequisites; vocalises and simple songs.

**9A-9B-9C-9D. Choral. (1-1-1-1)**

Paul Salamunovich

**10A-10B-10C-10D. Orchestra. (1½ unit each semester)**

‡Given on sufficient demand.

11A-11B. **Gregorian Chant.** (1-1) Sister Miriam Joseph  
Fundamentals of Gregorian rhythms; the modes; simple and compound neumes; studies of the chants of the Mass.

13. **Orchestral Instrument Survey.** (1) I, II Sister Lillian Marie  
Study of strings, woodwinds, brass and percussion. Fundamental playing knowledge of each.

21A-21B-21C-21D. **Madrigal Singers.** (1-1-1-1) Paul Salamunovich

23A-23B-23C-23D. **Chamber Music** (1-1-1-1) Mr. Evenson

24A-24B. **Survey of Music Literature.** (1-1) Sister Timothy  
Designed to familiarize the student with standard music masterpieces, selected recordings; live concerts.

25A-25B. **Piano Class Instruction.** (2-2) Sister Miriam Joseph  
Offered for non-piano majors. Practical instruction on the keyboard and ease and accuracy in sight reading.

27. **Woodwinds.** (2) I Sister Lillian Marie

28. **Brass and Percussion Instruments.** (2) II Mr. Evenson  
Mr. De Lancey

29. **Strings.** (2) I Sister Lillian Marie

35. **Acoustics.** (3) Mr. Rottura  
Deals with principles of sound with particular emphasis on their application to music, musical instruments, speech, acoustics, etc.  
Lecture and Demonstration.  
See Physics 35.

31A-31B-31C-31D. **Opera Workshop.** (1½-2) Margaret Stromer  
Applied Music—Individual Instruction. Staff

35A-35B-35C-35D. **Elementary Piano.** (1-1-1-1)

36A-36B-36C-36D. **Piano.**

37A-37B-37C-37D. **Organ.**

38A-38B-38C-38D. **Voice.**

39A-39B-39C-39D. **Violin.**

40A-40B-40C-40D. **Ensemble Group Instruction.** (1½-1½-1½-1½) Yr.

41A-41B-41C-41D. **Harp.**

42A-42B-42C-42D. **Viola.**

43A-43B-43C-43D. **Cello.**

44A-44B-44C-44D. **Bass.**

45A-45B-45C-45D. **French Horn.**

46A-46B-46C-46D. Bassoon  
47A-47B-47C-47D. Trombone.  
48A-48B-48C-48D. Trumpet.  
49A-49B-49C-49D. Flute.  
50A-50B-50C-50D. Oboe.  
51A-51B-51C-51D. Clarinet.  
52A-52B-52C-52D. Percussion Instruments.

**UPPER DIVISION**

100A. **Keyboard Harmony.** (2) II Sister Celestine  
Review of modulation and chromatic harmonies, transposition, harmonization of melodies in free accompaniment style.

100B. **Functional Keyboard Harmony for Teachers.** Sister Celestine

101A-101B. **Counterpoint.** (2-2) Yr. Sister Celestine  
Elements of part-writing two, three, and four voices.

102. **Materials and Presentation of Music for Listening.** (2) II Sister Timothy  
Offered especially for students preparing for the general elementary teaching credential.

103A-103B-103C-103D. **Concert Music.** (1½-2) Walter Arlen

104A-104B. **Form and Analysis.** (2-2) Yr. Mr. Doran  
A review of the simple structural elements such as section, phrase, and period. The binary, ternary, rondo, and sonata-allegro. Second semester: analysis of the larger forms. Analysis of representative works of the modern period.

105A-105B. **Composition.** (2-2) Yr. Mr. Doran  
Study of analysis of formal elements of music composition, and their application to original work; the motive, phrase, period song forms, suite, rondo-forms, sonata-allegro and variation forms.

106. **Voice Techniques.** (2) Helena Sundgren

107A-107B. **Composition.** (2-2) Yr. Mr. Doran

108. **Choral Conducting.** (2) I Paul Salamunovich  
Conducting of assembly singing and of choral works suitable for use with school choral groups. Technique of baton and use of left hand for expressive purposes. Materials for choral groups.

109. **Instrumental Conducting and Score Reading.** (2) II Mr. Evenson  
Study of orchestral works suitable for high school groups.

110A-110B. **String Ensemble.** (1-1) Yr.  
The study of interpretation of string literature.

111A-111B. **Gregorian Chant.** (1-1) Yr. Sister Miriam Joseph  
Gregorian musical forms; hymns of the office; sequences; modal analysis and chironomy.

112. Survey of the Liturgical Year. (2) II Father Cremins  
A course covering the chants and propers of the liturgical cycle. Study of the Motu Proprio of Pope Pius X.

113. Choral Arranging. (1) Mr. Doran

114A-114B. Orchestration. (2-2) Yr. Mr. Doran  
Study of compass, technique, color; possibilities of all instruments of the orchestra and band, and their combinations. Combinations of the different sections of the orchestra in "tutti" as well as in contrasting passages.  
Prerequisite: 13 or equivalent.

114C. Instrumental Arranging. (1) Mr. Doran

115. Improvisation and Modulation. (2) Sister Celestine

116. Music History and Literature I. (2) I Mr. Evenson  
The development of music from antiquity through Palestrina and his contemporaries and through the madrigal composers.

117. Chant Accompaniment. (1) II Sister Celestine

118A-118B-118C-118D. Orchestra. Continuation of 10D. ( $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ )

119A-119B-119C-119D. Choral. Continuation of 9D. (1-1-1-1) Paul Salamunovich

120A-120B. Advanced Counterpoint. (2-2) Yr. Sister Celestine  
Imitation, double counterpoint in the octave, tenth, and twelfth.

121A-121B-121C-121D. Madrigal Singers. (2-2-2-2) Paul Salamunovich

122A-122B. Advanced Orchestration. (2-2) Mr. Doran

123A-123B-123C-123D. Chamber Music. (2-2-2-2) Mr. Evenson

124A. Music History and Literature II. (2) II Mr. Evenson  
From the beginnings of instrumental music through the baroque and Viennese classical composers.

124B. Music History and Literature III. (2) I Mr. Evenson  
The romantic period from Beethoven through the post-romantic composers: Strauss, Rachmaninoff, and Sibelius.

125. Music History and Literature IV. (2) II Mr. Evenson  
Nationalism, impressionism, and modernisms.

126. Survey of Opera. (2) II Margaret Stromer

127. Woodwinds—Methods and Materials. (1) Staff

128. Brass and Percussion—Methods and Materials. (1) Staff

129. Strings—Methods and Materials. (1) Staff

130. Methods in Major Field. (2) II Staff

131. **Opera Workshop.** (1-1) Yr. Margaret Stromer  
Rehearsal, preparation, and workshop performance of opera.

132A-132B. **Piano Ensemble.** (1-1) Yr. Sister Miriam Joseph

133A-133B-133C-133D. **Literature and Performance Class.** (Cr.) Staff

134. **Survey of Music History and Literature.** (3) Mr. Evenson  
Offered for non-piano majors. Practical instruction on the keyboard and ease and accuracy in sight reading.

135A-135B. **Piano Class.** (2-2) I Sister Miriam Joseph  
This course is planned for voice and instrumental majors with emphasis on practical musicianship; fundamental principles of piano playing.

Applied Music—Individual Instruction.

136A-136B-136C-136D. **Piano.**

137A-137B-137C-137D. **Organ.**

138A-138B-138C-138D. **Voice.**

139A-139B-139C-139D. **Violin.**

141A-141B-141C-141D. **Harp.**

142A-142B-142C-142D. **Viola.**

143A-143B-143C-143D. **Cello.**

144A-144B-144C-144D. **Bass.**

145A-145B-145C-145D. **French Horn.**

146A-146B-146C-146D. **Bassoon.**

147A-147B-147C-147D. **Trombone.**

148A-148B-148C-148D. **Trumpet.**

149A-149B-149C-149D. **Flute.**

150A-150B-150C-150D. **Oboe.**

151A-151B-151C-151D. **Clarinet.**

152A-152B-152C-152D. **Percussion Instruments.**

154. **Elementary Music for Church and School.** (2) Sister Miriam Joseph

155. **Teaching Music Theory.** (2) Staff

156. **Teaching Instrumental Music.** (2) Staff

157. **Teaching Choral Music.** (2) Staff

158. **Teaching General Music.** (2)

159. Theory for Music Minors. (2)

160. Organization of Elementary and Secondary School Music. (2)

161. Elementary Music Activities. (2)

Prerequisite: Course 3. Required of candidates for the general elementary credential.

Curriculum and materials in the elementary school. The child voice and singing; rhythm training.

Methods and material for music history and appreciation.

Lesson planning and teaching.

162. Theory Review.

169. Accompanying.

‡172. Psychology of Music. (2)

Study of the psychological approach to music; nature of musical taste, musical abilities. Application of music to therapy and industry.

\*197A-197B-197C-197D. Piano Literature. (1-1-1-1)

Artist Teachers

\*198A-198B-198C-198D. Master Piano Class. (1-1-1-1)

\*199A-199B-199C-199D. An Integrated Course in the Cultural Trends

in the Fine Arts. (2-2-2-2) Father Cremins, Sister Celestine, Sister Ignatia

### Professional Courses

370. Music Education in the Secondary School. (3) I

Cf. Education M370.

377. Supervised Teaching—Music. (4) II

Cf. Education M377.

3. Solfege. (2) II

Sister Miriam Joseph

Music-reading, dictation, and vocal technique for elementary teachers. This course or its equivalent is required of all candidates for the general elementary teaching credential. Class meets three times a week one period being a laboratory period.

This requirement may be met by examination.

No credit towards the degree for music majors.

‡Given on sufficient demand.

\*Given in Summer Session.

## DEPARTMENT OF NURSING

Sister Mary Rebecca (Chairman)	Ruth Lindegren
Sister Albert Mary	Betty Williams
Mildred Grafford	Marjorie Willett
Sister John Bernard	Marlene Hermer
Sister Richard Joseph	Maxine Davis
	Marion Nolten

The aim of the Department of Nursing is to prepare young women for professional nursing service in beginning positions in hospitals and other community health agencies.

The Department of Nursing is accredited by the California State Board of Nurse Examiners for the basic professional program in nursing, has received full accreditation from the National League for Nursing, and in addition has been approved to prepare nurses for beginning positions in public health nursing.

The curriculum covers a period of four academic years. At the completion of the program, the student receives the Bachelor of Arts degree and is eligible to take the state examinations for the license to practice nursing as a registered nurse, and to use the title R.N. She is also granted the public health nursing certificate by the California State Department of Public Health.

**Preparation for the Major:** Zoology 51A-51B; Bacteriology 1; Home Economics 10; Psychology 1A-1B; Nursing 10, 25A-25B.

**The Major:** Thirty units of upper division nursing courses.

Other required courses offered concurrently with the major: Sociology 101, 180, Education 171, Public Health 102A-102B.

### LOWER DIVISION

**10. Orientation to Nursing. (2) 1** Sister Mary Rebecca

A course designed to acquaint the student with the profession of nursing and the responsibilities of the profession in meeting total health needs.

**25A-25B. Introductory Medical-Surgical Nursing. (3-3) Yr.**

Sister Albert Mary, Mrs. Hermer, Mrs. Nolten

A study of the basic scientific principles and fundamental concepts of nursing as applied to the individual care of patients with medical and surgical conditions, with emphasis placed upon the positive aspects of health and total nursing care. Pharmacology and diet therapy are integrated throughout. Offered during both semesters of the sophomore year. Supervised practice at St. John's Hospital, Santa Monica.

### UPPER DIVISION

**104A-104B. Maternal and Child Health Nursing. (6-6) Yr.**

Miss Lindegren, Mrs. Willett, Sister Richard Joseph

A study of the nursing care of mothers and children, the factors that affect maternal and child health, and the functions of the nurse in this clinical area. Emphasis is placed on meeting the needs of the mother, child and family in both health and disease. Supervised practice at St. John's Hospital, Santa Monica, the Orthopedic Hospital, Los Angeles, and various clinics and health agencies.

106. **Psychiatric Nursing.** (6) I, II Sister John Bernard  
A study of current concepts in the care of patients with psychiatric conditions; the principles of psychiatric nursing and their application in the care of patients; and a consideration of emotional illness as a community health problem. Supervised field experience at the Brentwood Neuropsychiatric Hospital.

108. **Medical-Surgical Nursing.** (6) I, II Miss Grafford  
Instruction and guided experience in the nursing care of patients with complex nursing needs. Opportunity is provided for participation in the planning and organization of the nursing team. Offered during the senior year. Supervised practice at Daniel Freeman Hospital, Inglewood.

109. **Community Nursing.** (6) I, II Mrs. Davis, Mrs. Williams  
Application of public health nursing principles and methods of teaching to individuals, families and groups in clinics, schools and homes; emphasis on the role of the nurse in the promotion and maintenance of community health. Supervised field experience in the Los Angeles City Health Department.

114. **Survey of Nursing.** (2) I, II Sister John Bernard  
A survey of the professional field of nursing, with consideration of the historical, social and professional trends; a study of professional organizations, activities, and legislation relating to nursing.

146. **Family Health.** (2) The Nursing Faculty  
A course designed to acquaint the student with good health practices, community health service and prevention of illness. Discussion will place emphasis on the health needs of the individual and the family during periods of childhood, adolescence, parenthood, middle age and old age.

### **Public Health**

102A-102B. **Preventive Medicine and Public Health.** (2-2) Yr. Dr. Goerke

A study of the philosophy of public health and the epidemiological approach to public health problems, community programs for the control of communicable and non-communicable diseases, environmental sanitation, and a consideration of fundamental principles of organization and administration in public health.

Field practice in nursing begins in the fall semester of the sophomore year and continues for six semesters. During this time the students attend classes on the college campus and have field assignments in community hospitals and public health agencies under the direct supervision of the faculty of Mount St. Mary's College.

### **PHILOSOPHY**

Sister Cornelia Mary

Reverend Peter Curran, O.P.

Robert Buckenmeyer

Philosophy supplies the student with a tool for integrating the arts and the sciences on the natural plane. It furnishes the student with the fundamental truths regarding man, the universe and God as attained through unaided reason, and with a set of values capable of being translated into right living.

The Minor: Courses 1 and 6, and 12 units in upper division courses.

**LOWER DIVISION**

1. **Logic.** (3) I Sister Cornelia Mary  
Formal and material logic: The science of correct and true thinking.

6. **Philosophy of Nature and of Human Nature.** (3) II Mr. Buckenmeyer  
A study of the fundamental principles and causes of mobile being combined with a systematic study of the nature of man.

**UPPER DIVISION**

\*100. **History of Ancient and Medieval Philosophy.** (2) I Mr. Buckenmeyer  
A survey of the history of Western philosophical thought from Thales to Duns Scotus.

102. **History of Modern Philosophy.** (2) II Sister Cornelia Mary  
A systematic study of the development of modern philosophy from Descartes to the contemporary thinkers.

105. **Contemporary Moral Philosophy.** (3) I Father Curran  
A systematic study of the application of general ethical principles to special areas of contemporary life.

105A-105B. **Ethics.** (2-2) Yr. Staff  
General ethics and moral values. Individual and social ethics.

107. **Philosophy of Being.** (3) I Mr. Buckenmeyer  
A study of being as being. The constitutive principles of being; the notion of being; the efficient and final causes of finite being; the transcendental properties of being; substantial and accidental beings.

108. **Philosophy of God.** (2) I Mr. Buckenmeyer  
A study of the First Being, God. Reasoned knowledge about the existence, attributes, and operations of the First Being; the origin and government of the universe.

109. **Contemporary Philosophy.** (3) II Sister Cornelia Mary  
A systematic analysis of contemporary thought, using the following specific schools of thought as foci: Existentialism, Dialectical Materialism (Communism), Logical Empiricism, Thomism.

111. **Philosophy of Truth.** (2) I Sister Cornelia Mary  
The science of the truth-value of knowledge; the problem of the possibility of valid knowledge, the validity of the various products of the acts of knowing, and the criterion of truth. The historical setting of the problem.

112. **Aesthetics.** (2) II Sister Cornelia Mary  
A study of the fundamental causes of beauty in nature and in art. An analysis of the intrinsic and extrinsic causes of the beautiful as found in nature and in the fine art product.  
Special Problems: The application of the general principles of aesthetics to the various species of fine arts.

\*Given in alternate years; to be given in 1961-62.

## DEPARTMENT OF PHYSICAL SCIENCES

Sister Alice Marie  
Hallie Bundy  
Aloysius Cafferty  
Sister Cecilia Louise (Chairman)

Federico Grabiels  
Reverend James O'Reilly  
G. Branen Ward

The aims of the Department of Physical Sciences are:

- 1) To impart a conceptual knowledge and appreciation of the physical and chemical laws which govern both living and non-living matter;
- 2) To develop the technical skills necessary for the professional use of the Physical Sciences;
- 3) To encourage participation in scientific progress through research.

The Department includes the fields of Biochemistry, Chemistry, General Physical Sciences, and Physics.

A major is offered in Biochemistry, Chemistry, and Physical Sciences; a minor is offered in Physics.

### Biochemistry

**Preparation for the Major:** Chemistry 1A-1B, 2A-2B, and 5; Mathematics through Integral Calculus or its equivalent; Physics 2A-2B. The general language requirement must be fulfilled in French or German.

**The Major:** The minimum requirement for the major: Chemistry 108A-108B, 110A-110B, 112A-112B, 113A-113B, and 199 (4 units).

### Chemistry

**Preparation for the Major:** Chemistry 1A-1B, 2A-2B, and 5; Mathematics through Integral Calculus or its equivalent; Physics 2A-2B and 3A-3B. The general language requirement must be fulfilled in French or German.

**The Major:** The minimum requirement for the major: Chemistry 110A-110B, 111A-111B, 112A-112B, 113A-113B, 121, and 199 (4 units).

A comprehensive examination is required at the end of the senior year for all Biochemistry and Chemistry majors.

### General Secondary Credential with Teaching Major in Physical Sciences

This program is open to those students who plan to teach the Physical Sciences in secondary schools. The course offers a five-year program leading to the degree of B.S. or B.A. and to the recommendation for a general secondary credential.

**Preparation for the Major:** Chemistry 1A-1B, 2A-2B, and 5; General Life Science 1A; Mathematics through integral Calculus or its equivalent; Physics 2A-2B and 3A-3B.

**The Major:** The minimum requirement for the major: Chemistry 108A or 108B, 110A-110B, 111A or 111B, 112A-112B, 113A-113B, and 121; Physical Science 111; Physics 131.

**Post Graduate Year:** Six additional units of graduate and/or upper division Chemistry or Physics with the approval of the departmental chairman; Physical Science 370; education courses required for the general secondary credential.

**Chemistry****LOWER DIVISION**

**1A-1B. General Chemistry.** (3-3) Yr. Miss Bundy, Sister Cecilia Louise  
1A—A presentation of basic laws, principles, and theories related to the changes in the composition of matter; a study of the chemical elements and their compounds. Lecture, 3 hours.  
1B—A continuation of 1A which is prerequisite. Lecture, 3 hours.

**2A-2B. General Chemistry Laboratory.** (1-1) Yr. Sister Cecilia Louise, Mr. Cafferty  
2A—An introduction to the use of the scientific method in laboratory experimentation. Laboratory, 3 hours.  
2B—Chemical equilibrium applied to reactions in solution. The separation and identification of the common cations and anions by semi-micro methods. Laboratory, 3 hours.

**4. Essentials of Chemistry.** (4) II Miss Bundy  
Selected fundamental principles of general Inorganic, Organic, and Physiological Chemistry. Lecture, 3 hours; lecture demonstration, 1 hour.

**5. Quantitative Analysis.** (3) I Mr. Cafferty  
Prerequisite: Chemistry 1A-1B and 2A-2B.  
Principles and laboratory techniques of volumetric and gravimetric analysis. Lecture, 2 hours; laboratory, 3 hours.

**UPPER DIVISION**

**\*\*100. Organic Synthesis.** (3) Sister Cecilia Louise  
Prerequisite: Chemistry 112A-112B and 113A-113B.  
Selected group of organic preparations to give the student additional experience in the more advanced laboratory methods of Organic Chemistry. Lecture, 1 hour; laboratory, 6 hours.

**\*101. Qualitative Organic Analysis.** (3) II Sister Cecilia Louise  
Prerequisite: Chemistry 112A.  
Study of the methods of separation and identification of organic compounds through the use of solubility, type reactions, derivatives. Lecture, 1 hour; laboratory, 6 hours.

**108A-108B. Biochemistry.** (3-3) Yr. Miss Bundy  
Prerequisite: 112A.  
The chemical composition of foods, tissues, and secretions; physico-chemical basis of life processes; intermediary metabolism; hormones.

**‡109A-109B. Clinical Biochemistry.** (4-4) I, II Mr. Kingsley  
Current medical laboratory procedures by qualitative, quantitative, and microscopic methods for the determination of the various biochemical constituents of blood, serum, plasma, urine, and other body fluids.

\*Given in alternate years; to be given in 1961-62.

\*\*Given on request.

‡Veterans Administration Center.

**110A-110B. Physical Chemistry. (3-3) Yr.** Mr. Grabiel  
 Prerequisite: Chemistry 1A-1B; Physics 2A-2B.

Introduction to the phenomenological and structural theories of the states of aggregation of matter and to fundamental principles of thermodynamics, solutions, equilibria, chemical kinetics, electrochemistry, and atomic and molecular structure. Lecture, 3 hours.

**111A-111B. Physical Chemistry Laboratory. (1-1) Yr.** Sister Alice Marie  
 Prerequisite or concurrent: Chemistry 110A-110B.  
 Physico-chemical problems and measurements. Laboratory, 3 hours.

**112B-112A. Organic Chemistry. (3-3) Yr.** Sister Cecilia Louise  
 Prerequisite: Chemistry 1A-1B and 2A-2B.  
 Introduction to the general theory of Organic Chemistry and to the study of the aliphatic, aromatic, and heterocyclic compounds. Lecture, 3 hours.

**113B-113A. Organic Chemistry Laboratory. (1-1) Yr.** Sister Cecilia Louise  
 Prerequisite or concurrent: Chemistry 112B-112A.  
 Fundamental techniques of preparation, extraction, and purification of organic compounds. Laboratory, 3 hours.

**\*121. Inorganic Chemistry. (3) I** Sister Cecilia Louise  
 Prerequisite: Chemistry 5.  
 A thorough review of the periodic relationships among the chemical elements and their compounds. Lecture, 3 hours.

**\*\*130. Physical Biochemistry. (3)** Miss Bundy  
 The application of Physical Chemistry to biological phenomena. Lecture, 3 hours.

**199. Selected Problems in Chemistry and Biochemistry. (1-6)** Miss Bundy  
 Sister Cecilia Louise  
 Undergraduate research in Biological, Inorganic, Organic or Physical Chemistry.

## Physics

### LOWER DIVISION

**2A-2B. General Physics. (3-3) Yr.** Father O'Reilly  
 Introduction to the principles of mechanics, heat, sound, light, magnetism, and electricity. Solution of problems. Lecture, 3 hours.

**3A-3B. General Physics Laboratory. (1-1) Yr.** Father O'Reilly  
 Laboratory to accompany Physics 2A-2B, 3 hours.

### UPPER DIVISION

**\*105. Analytical Mechanics. (3) I** Father O'Reilly  
 Introduction to the mathematical treatment of plane motion of particles and of the rotation of rigid bodies. Lecture, 3 hours.

<sup>a</sup> Given in alternate years; to be given in 1961-62.

<sup>\*\*</sup>To be given on request.

\*110. **Electromagnetics.** (3) II Father O'Reilly  
Introduction to the mathematical theory of electric and magnetic fields. Lecture, 3 hours.

112. **Heat and Thermodynamics.** (3) II Father O'Reilly  
Introduction to the kinetic theory of gases and solids. Methods of thermodynamics. Lecture, 3 hours.

131. **Atomic and Nuclear Physics.** (3) I Father O'Reilly  
Treatment of the experimental basis of modern theories on the structure of the atom and the nucleus. Lecture, 3 hours.

## Physical Sciences

### LOWER DIVISION

1. **Elements of Physical Geography.** (4) I, II Sister Alice Marie, Mr. Ward  
A general survey of the characteristics of the major types of land surfaces, climates, soils, and resources that comprise the natural environment of man. Lecture, 4 hours.

11. **Elements of Physical Science.** (4) I Sister Alice Marie, Mr. Ward  
Introduction to the principles fundamental to the Physical Sciences — Astronomy, Chemistry, Geology, and Physics. Lecture, 4 hours.

21. **Elements of Physical Geology.** (4) II Mr. Ward  
Introductory study of the origin of landforms and the architecture of mountains, plateaus, plains, and valleys. Lecture, 4 hours.

31. **Elements of Physical Anthropology.** (4) II Mr. Ward  
An introductory course in anthropological concepts which aid in understanding man and his world. Lecture, 4 hours.

### UPPER DIVISION

\*\*105. **Geography of California.** (3) Mr. Ward  
A description and interpretation of the natural regions of California and of the characteristic conditions of climate, topography, soils, drainage, and resources existent within these regions. Lecture, 3 hours.

\*\*106. **Geography of the United States.** (3) Mr. Ward  
A descriptive and interpretive study of the physiographic regions of the United States. Lecture, 3 hours.

\*\*107. **Geography of Latin America.** (3) Mr. Ward  
A study of the physiographic regions of the nations of Latin America. Lecture, 3 hours.

\*\*108. **Polar Geography.** (3) Mr. Ward  
A study of the geographical features which characterize the polar regions. Lecture, 3 hours.

111. **Physical Science.** (3) I Sister Alice Marie, Mr. Ward  
Study of the physical laws which govern the sciences of Astronomy, Chemistry, Geology, and Physics. Lecture, 3 hours.

131. **Physical Anthropology.** (3) II Mr. Ward  
Review of the zoological classification of man, human paleontology, human genetics and heredity, and the races of man. Lecture, 3 hours.

\*\*Given on request.

\*Given in alternate years; to be given in 1961-62.

## PSYCHOLOGY

Reverend Peter Curran, O.P.

Sister Mercia Louise

M. John Schumacher

### LOWER DIVISION

**1A-1B. General Psychology. (3-3)**

Father Curran

An introduction to the science of human behaviour and the dynamics and facts of interpersonal relations.

**3. Introductory Psychology. (3) I**

An elementary course providing orientation to the field of psychology. Includes consideration of perception, imagination, thought, feeling, emotion, intelligence and personality.

**10. Psychology of Learning. (1) I**

Sister Mercia Louise

This course concentrates on these problems: development of effective study habits, vocabulary building and improvement of reading.

**33. Personal and Social Adjustment. (3) II**

Prerequisite: Course 3.

Principles of mental hygiene; orientation in the practical use of psychological principles in problems and circumstances of college and later life.

### UPPER DIVISION

**101. Principles of Psychology. (3) I**

Open to upper division students who do not have credit in 1A-1B. May be offered as prerequisite for certain courses.

**140. Statistics. (2) II**

cf. Sociology 140.

**145. Social Psychology. (3) II**

Dr. Schumacher

Analysis of the processes and problems of social interaction; social forces reacting on the individual; motivations, frames of reference, attitudes.

**148. Personality Development. (2) I**

Dr. Schumacher

A study of the growth of the human personality from birth to adolescence from the dynamic point of view, with particular emphasis on child-parent relationships, child training, and subsequent adult personality function. Preference will be given to students who have taken Psychology 1A-1B.

**149. Adolescent Personality Development. (2) II**

Dr. Schumacher

Prerequisite: Course 148.

A study of the personality conflicts of the adolescent period from the dynamic point of view; resultant solutions; relation of physical development to psychological struggle and growth.

**\*168A-168B. Abnormal Psychology. (2-2) Yr.**

Dr. Schumacher

Prerequisite: Course 148.

168A is a preparation for the understanding of abnormal human behavior presented in course 168B.

168B applies the knowledge about abnormal human behavior from 168A. The various types of mental and emotional illnesses are described and understood from the psychoanalytic frame of reference. This course will also cover the psychotherapeutic points of view. No credit will be given for 168A if 168B is not taken.

<sup>\*</sup>Given in alternate years; to be given in 1960-61.

**\*170. Group Dynamics. (2) II**

Dr. Schumacher

Prerequisite: Courses 168A-168B.

A study of oneself in operation and interaction with a group of persons also studying their own psychology and group interaction. This course will offer limited psychological insight on the intellectual level in oneself. A limited enrollment of 15 students is permitted.

**172. Psychology of Music. (2)**

cf. Mus. 172.

**DEPARTMENT OF SOCIOLOGY**

Sister Mary Brigid

Sister John Margaret (Chairman)

Barbara Stapleford

The aim of the Sociology Department is to broaden the Liberal Arts student with a knowledge of the principles of social organization and social behavior by studying the reciprocal dependence of man and culture. The scientific method is used as the main tool. An understanding and acceptance of all people is one of the main objectives, and includes an understanding of the culture of the United States as a pluralistic society.

Two programs are offered: I, general sociology, which enables students to acquire a general cultural background which should prepare them for intelligent leadership in society, for graduate work in sociology, for research and allied positions; II, a) preparation for graduate work in a school of social work, or b) social work positions which do not require professional education.

**I. Preparation for the Major: Sociology 1, 54; Psychology 1A-1B.**

**The Major:** Eighteen to 24 upper division units including Sociology 104, 117, 140, 145, 170, 199. Additional units may be selected from related departments with approval of departmental adviser.

**The Minor:** Eighteen units of credit of which 9 to 12 units are in the upper division.

**A Social Science Minor** with an emphasis in Sociology: Eighteen units of credit of which 9 to 12 units are in the upper division extended over three fields selected from the following: Economics, History, Political Science, Psychology, and Sociology, with at least three courses in Sociology, including 1 or 101.

**II. Preparation for the PreSocial Work Program: Sociology 1, 54; Economics 1, 2; Psychology 1A-1B. Recommended: Zo. 24.**

**The Major:** Eighteen to 24 upper division units including Sociology 117, 140, 150A-150B, 180, 199. Additional units should be selected from recommended courses in Economics or Psychology with the approval of departmental adviser.

**LOWER DIVISION****1A-1B. General Sociology. (3) I, II**

Sister John Margaret

A basic course in concepts and principles, the aim of which is to convey an understanding of society by means of the scientific method of studying social groups, social processes, culture, social and cultural change.

54. **The Family as a Social Institution.** (2) II Sister John Margaret  
Origin and historical development of the family; families in various cultures; the functions of the family; family relationships.

60. **Personality and Leadership.** (2) I Sister John Margaret  
Theories and principles of personality and leadership; the role of the leader in a democratic society; development of leadership skills.

90. **Field Work.** (cr.) I, II Barbara Stapleford  
At least 20 hours of supervised experience in a group work agency recommended for sophomores majoring in the department.

**UPPER DIVISION**

101. **Principles of Sociology.** (3) I Sister John Margaret  
An intensive introduction to sociology for upper division students who have not taken Sociology 1.

\*103. **Comparative Cultures.** (2) I Sister John Margaret  
A study of human behavior as displayed in patterned customs and institutions in contemporary and primitive cultures.

104. **Contemporary American Family.** (3) I Sister John Margaret  
The modern American family today as a social structure undergoing change of functions and roles due to social, economic, cultural, and psychological factors; principles that make for stability of the family; preparation for marriage.

115. **Crime and Delinquency.** (3) II Sister Mary Brigid  
Extent, causal factors and methods of prevention and treatment of crime and delinquency.

117. **Introduction to Sociological Research Methods.** (2) I Sister Mary Brigid  
Study of the techniques and methods used in sociological research with a critical analysis of research studies.

\*120. **Group Leadership.** (3) I Sister John Margaret  
Theories, principles and skills of leadership; the leader in relation to the group; the formation and function of various groups; experience in a social group work agency.

140. **Statistics.** (2) II Sister John Margaret  
Collection, interpretation, and use of statistical data in the fields of economics, psychology, and sociology; a knowledge of the scientific criteria of representativeness, reliability and validity.

145. **Social Psychology.** (3) II  
Analysis of the processes and problems of social interaction; social forces reacting on the individual; motivations, frames of reference, attitudes.

150A-150B. **The Field of Social Work.** (3-3) Yr. Barbara Stapleford  
An introductory course to present the development of the institution of social welfare, public and voluntary, from its English and early American backgrounds to the present; philosophy and principles underlying professional practice in its various settings.

\*Given in alternate years; to be given in 1961-62.

160. **The Child in Contemporary American Society.** (3) II Barbara Stapleford  
A study of cultural factors in contemporary society affecting the social development and well-being of the child; social movements; services aiding children.

\*165. **History of Social Thought.** (2) I Sister John Margaret  
A study of the development of social thinking from the great early social thinkers, such as Plato and Aristotle, including an analysis of the thought of Augustine, Thomas Aquinas, and Thomas More, down to modern times.

\*166. **Modern Social Thought.** (2) II Sister John Margaret  
Classical social thought of modern times from such thinkers as Adam Smith, Malthus, Comte, to contemporary thinkers: Leo XIII, Pius XI, Sorokin, Fromm and Riesman.

170. **Social Movements.** (3) I Sister John Margaret  
Papal encyclicals dealing with problems of social justice; role of the state in social reform, communism and other contemporary programs.

175. **Population and Urban Society.** (2) I Sister Catherine Therese  
Theories of population; rates of population growth; factors controlling the growth of population; analysis of urban population; existing conditions in different countries.

180. **Methods in Social Work.** (3) I Barbara Stapleford  
A course which introduces the student to some of the basic concepts, skills and techniques used in social case work, social group work, and community organization.

199. **Special Problems in Sociological Theory and Practice.** (1-3) II Staff  
Individual study for senior students majoring in the department.

## THEOLOGY

Reverend Peter Curran, O.P.

Reverend Antoninus Hall, O.P.

Reverend John Reilly

Reverend James Clyne

The theology course is aimed to give the student an intellectual understanding of the Christian faith — its sources, doctrines and practice. This is directed to foster a love for Catholicism and an application of it to modern living.

The requirement for all Catholic students is fourteen units of theology, including Theo. 4, 6, 100, and 103; Theo. 7 is required of all students entering as Freshmen.

Non-Catholic students are required to enroll in Theo. 1A-1B only. They may elect courses in other departments in lieu of those required of Catholic students.

**The Minor:** Six units beyond the standard courses required of all students.

## LOWER DIVISION

1A-1B. **Principles of Morality.** (1-1) Yr. Father O'Reilly  
A course designed to give students a knowledge and appreciation of basic moral principles. This course is designed especially for non-Catholic students.

\*Given in alternate years; to be given in 1961-62.

2. **Fundamental Theology.** (2) Staff  
A basic understanding of the fundamental truths of our religion.

4. **Dogmatic Theology I.** (3) II Father Hall  
Sources and nature of Theology. The existence of God. The nature and attributes of God. Our knowledge of God. God's knowledge. The will of God. Providence and predestination. A summary of the doctrine of the Trinity. God the creator. The governance of the universe.

6. **Moral Theology I.** (3) I Father Hall  
The final goal of man. Human acts. The emotions of man. Habits and virtues in general. Sin. Law. Grace.

7. **The Christian Woman in the Modern World.** (1) I Staff  
Practical aspects of the Christian life; living the Mass, the year of grace; obligations and privileges of the intellectual life, of the Catholic woman in modern society.

10. **Spiritual Theology.** (2) Staff  
Nature and principles of Christian perfection; the three stages of the spiritual life.

**UPPER DIVISION**

100. **Moral Theology II.** (3) II Father Curran  
The theological and moral virtues: Faith, Hope, Charity. Prudence. Justice. Religion. The social virtues. Fortitude. Temperance.

103. **Dogmatic Theology II.** (3) I Father Curran  
Christology: the fittingness of the Incarnation. The nature of the union of the Incarnate Word. The perfections and imperfections of Christ's human nature. Consequences of the Incarnation. Sacraments in general. The Sacraments singly considered.

104. **Selected Questions in Theology.** (1) II Father Hall  
Contemporary Church in relation to faith. Ecumenical Council, etc.

106. **Study of the Mass.** (1) II Sister Laurentia  
Sacrificial purpose and structure of the Mass as an action; practical aspects of a dynamic sharing in the Mass; study of the meaning of the ordinary, of the themes in the changing propers.

108. **Mariology.** (1) I Staff  
A study of Mary's privileges and prerogatives and the foundation for them. Mary's place in the life of Christ, the early Church, and in modern times; her influence on the Christian life.

110. **Catechetical Methods and Convert Making.** (2)

14. **Principles of Asceticism.** (2)  
The basic principles of asceticism as applied to the life of grace.

120-125. **Moral Theology.** (1) I, II Staff  
Semester courses in moral theology with special emphasis on a particular tract.  
120 Human Acts 122 The Commandments  
121 Sacraments in general 123 Moral Virtues

**130. Dogmatic Theology.** (2) I, II Staff  
Semester courses in dogmatic theology with special emphasis on a particular tract.  
130 The Triune God 133 Grace  
131 Christology 134 Eschatology  
132 Soteriology 135 Sacraments (singly)

**140A-140B. Scripture Studies.** (2-2) Father Clyne, Father Hall  
A. Old Testament: Instruction and Historical Books, Prophetic Books, Didactic Books.  
B. An Intensive analysis of the Gospel, Acts, and Epistles.

**141. Life of Christ.** (1) I Father Curran  
The life of Christ and His work as revealed in the Gospels. Emphasis on His teaching and redemptive mission, and His example as a model of Christian personality.

**142. Letters of St. Paul.** (1) I Father Hall  
A study of St. Paul and his doctrine as revealed in his letters. Application of his teaching to present day living.

**143-144. Problems in Church History.** (2-2)  
Cf. History 114A-114B Department of History.

## NEEDS OF THE COLLEGE

In order to increase Mount Saint Mary's sphere of usefulness, we are anxious to establish scholarships and endowments; hence we solicit such foundations from our friends and the friends of education. The sum of ten thousand dollars will found a full perpetual scholarship for a non-resident student. Gifts of lesser sums may be added to the general endowment fund leading to new scholarships, if the donors so desire. Aid toward the College Building Fund is also solicited.

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## FORM OF BEQUEST

### For Needs of the College Scholarship Fund

I give and bequeath to MOUNT ST. MARY'S COLLEGE of Los Angeles, California, the sum of.....

..... dollars,

to be invested by said Corporation, and called the.....

..... Scholarship Fund; the income therefrom is to be applied in aid of such deserving student of MOUNT ST. MARY'S COLLEGE of Los Angeles, California, as said Corporation may determine.

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## FORM OF BEQUEST

I give and bequeath to MOUNT ST. MARY'S COLLEGE of Los Angeles, California, the sum of.....

..... dollars,

to be known as the..... BEQUEST,

and used and expended in the interest of MOUNT SAINT MARY'S COLLEGE in such manner as said Corporation may deem most beneficial.

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